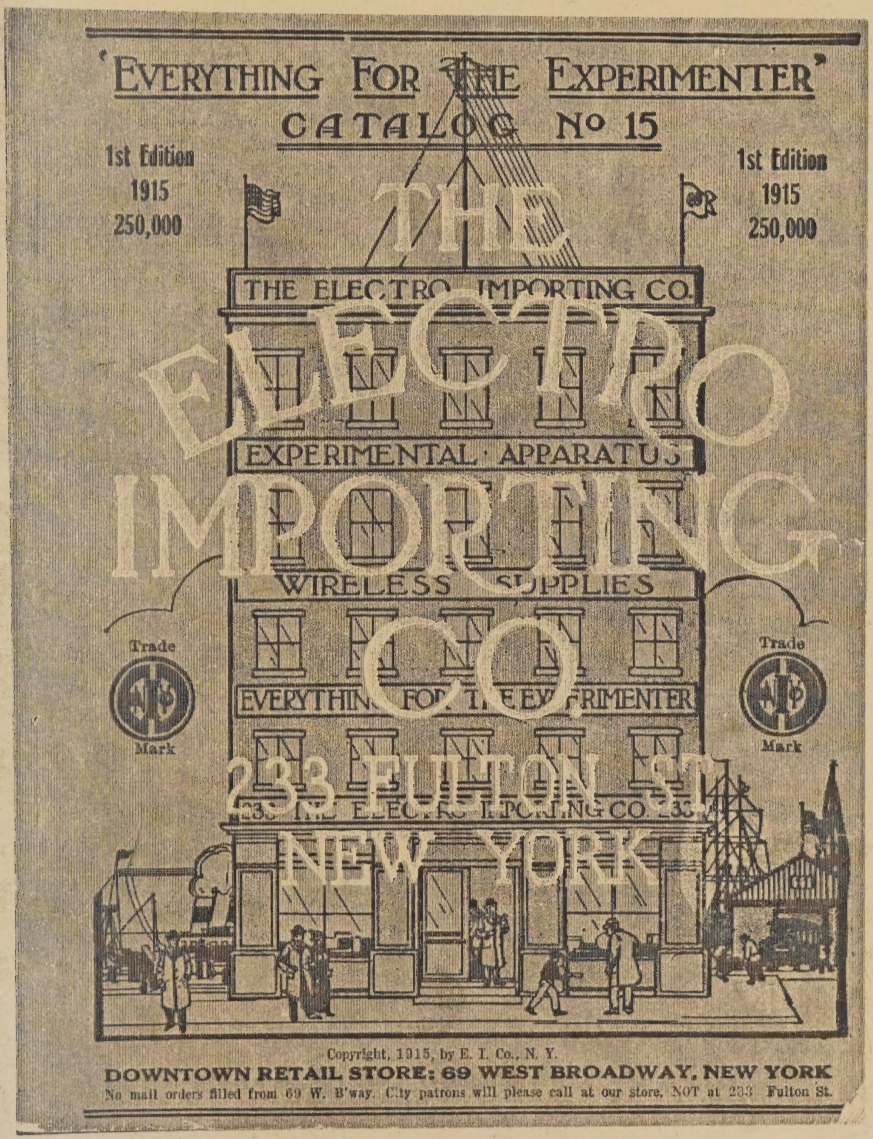
NEW WIRELESS PIONEERS
BAMPTON BOOKS

CATALOG #23



NEW WIRELESS PIONEERS
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Catalog # 23 - April 1999

JAMES AND FELICIA KREUZER, PROPRIETORS

Well folks, it was 70 degrees in Upstate New York today. I guess you might call that Spring! You'll find some new goodies in the catalog this time, make sure you check out the early ARRL Handbooks in the Amateur Radio section. If there's other early years you need, let me know- I have a few others sitting on the shelf.

We won't be going to Dayton this year. It'll be the first time in 22 years! We have prior commitments in Europe and when we return, there won't be enough time to pack & set up. We will be attending the Krantz auction, at the end of the month, so please let me know if you'd like me to deliver your order during this event!!

Beginning with this catalog we will be charging $1.00 per book for 4th Class Book Rate Postage FOR ALL ORDERS!! For more expensive orders we recommend shipping by Priority Mail, which is $3.20 for the first 2 pounds. We've had great success with priority mail and it seems to arrive within 3 days anywhere in the U.S.. By the way, we still have Joe Knight's "Bibliography of Pre-1920 Wireless Books" available for $2.00.

No action on the website yet, maybe I'm old-fashioned!!

TERMS OF SALE

1. Shipping $1.00 per book on all orders!!! 4th Class Book Rate For expensive orders Priority Postage will be used! $3.20 UP

2. All payments are to be in U.S. funds. English customers may forward payment to Len Kelly, 6 Redlands, Blundells Road, Tiverton, Devon EX16 4DH, His phone # is 1884 256170, He always carries a nice selection of books on broadcasting!

3. Overseas customers must pay shipping costs- $ 3.00 PER BOOK

4. Books are guaranteed and may be returned for any reason within 7 days of receipt.

5. There is a 10% deduction for orders of 5 or more books, $5.00 BOOKS ARE EXCLUDED FROM THIS DISCOUNT!

6. New York residents please add 8% sales tax.

7. Institutions billed.

8. Reserving items by phone or fax is highly recommended, Call 9AM - 12 Midnight EST

9. You may fax your order, and we will confirm the books in stock by return fax as soon as possible.

WE NOW ACCEPT CREDIT CARDS!!!

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THE COVER ILLUSTRATION IS FROM ITEM # 393 ON PAGE 56

AMATEUR BOOKS

1. **(PREPARER) WARNER, HENRY K.; RCA Laboratory Manual Number 4- Transmitters** . 1st edition, 1959. This manual was intended to be a guide to the students of The RCA Institutes in their work in the Transmitter laboratory. This volume covers many transmitters including the ET-3650, 3666, 8003, 8004, 8010 4U console, 8009, 250A, 250L BC-1100, 669, 459, Collins 45A, etc There are many folding diagrams of schematics, curves & construction details 247 pages. 179 illus. Good + condition. Scarce. Softcover. $45.00

2. **(STOCK CERTIFICATE); Collins Radio Company** . 1st edition, 1969. A beautifully engraved stock certificate issued by Collins Radio Co. for 100 shares from 1969 to 1972. It measures 8" x 12" & is very suitable for framing. It has a vignette of a Greek God holding a staff & sitting between two hemispheres of the earth. A nice item to frame and hang in your shack! We only have a few of these, so order early! Fine condition. Scarce. $15.00

3. **(TRADE CATALOG); The Walter Ashe Radio Co. 1953** . 1st edition, 1953. A wonderful annual catalog filled with all kinds of amateur radio receivers, transmitters, tubes, parts and books. Also included are telegraph keys, audio equipment & test equipment. The cover is colorful and it shows very little use. 160 pages. Very Good condition. Scarce. Softcover. $25.00

4. **(TRADE CATALOG); The Walter Ashe Radio Co. 1950** . 1st edition, 1950. A nicely illustrated catalog which includes many different amateur receivers and transmitters, as well as tubes, antennas, keys, bugs and test equipment. Some of the manufacturers include Hallicrafters, National, Collins, Hammarlund and RME. A great reference tool for the BA collector! 159 pages. Very Good condition. Scarce. Softcover. $30.00

5. **ARRL; The 1987 Radio Amateur's Handbook- Hardcover Edition!** . 64th edition, 1987. Every year a new edition is published by the ARRL to alert the amateur as to any new developments in communication theory and design. There's much info on transmitters, receivers and antennas,as well as great chapters on construction and maintenance. This is a beautiful copy of the hardcover version, including a perfect dust jacket. 1232 pages. 999 illus. Fine condition. Uncommon. $25.00

6. **ARRL; The Radio Amateur's Handbook 1942** . 1st edition, 1942. The "Special Defense Edition" designed to assist in training both servicemen and civilians in amateur communication theory and practice. Contains many articles on the construction of receivers, transmitters and antennas. 288 pages. 999 illus. Good + condition. Scarce. Softcover. $30.00

7. **ARRL; Radio Amateur's Handbook** . 3rd edition, 1927. An early edition of the Radio Amateurs Handbook, rarely seen in any condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. This copy is from The Measurements Corp & is nicely hardbound w/ orig covers. 217 pages. Very Good condition. Scarce. Softcover. $125.00

8. **ARRL; The Radio Amateur's Handbook** . 12th edition, 1935. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, & antennas, as well as the fundamentals for getting started. This is a near-perfect copy that belongs in an high-end library! 246 pages. Very Good condition. Rare. Softcover. $65.00

9. **ARRL; Radio Amateur's Handbook** . 9th edition, 1932. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. A very nice copy of this rare edition, the date is lightly written on the cover. 218 pages. Very Good condition. Scarce. Softcover. $75.00

10. **ARRL; Radio Amateur's Handbook** . 8th edition, 1931. An early edition of the Radio Amateurs Handbook, rarely seen in any condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. Slight wear to the cover, the front endpaper has a 2" tear with no loss. 216 pages. Good + condition. Rare. Softcover. $55.00

11. **BASS, SYDNEY AND COSMAN, HERMAN; General Shortwave And Public Address Manual** . 1st edition, 1934. This is an early work on short wave reception, and shows construction data for many types of transmitters, converters, tuners and receivers. Also included is coil design, an early list of short wave stations and tuning instructions. 192 pages. Very Good condition. Uncommon. Softcover. $15.00

12. **BRABAND, KEN C.; The First 50 Years: A History of Collins Radio Company & Collins Rockwell Int'l** . 1st edition, 1983. This is the only history of the famous Collins Radio Co. that was ever written. It covers from the time when Arthur Collins built his first crystal set to the world-renowned leader in communications it has become. A nearly complete product history is included, listing most of their equipment, as well as an extensive bibliography & an illus. D/J. 219 pages. 197 photos. Very Good condition. Rare. $115.00

13. **CARINGELLA, CHARLES AND CLARK, RICHARD; The Surplus Handbook** . 1st edition, 1960. This is designated as Volume 1: Receivers and Transmitters. This is the first time that we've seen this title, it contains Photos and schematics only of such sets as the ARC-4, BC- 312, 314, 342, 344, 348, 603, 611, 624, 652, 654, 659, 669, 683, 728, 745, 764, 779, 794, 923, 1000, 1004, CRC-7, DAK-3, RAK-5, RAL-5, RAX, TBY, TCS & others. 94 pages. 79 illus. Very Good condition. Rare. Softcover. $40.00

14. **COLLINS RADIO COMPANY; Collins 51J-3 Communications Receiver Instruction Manual** . 1st edition, 1951. This is an original Collins Manual that includes the installation, adjustment, operation, circuit description, maintenance, trouble shooting, and alignment of this popular receiver. There are many block diagrams, schematics, and even a complete parts list in this book. 90 pages. Very Good condition. Rare. Softcover. $35.00

15. **DEPARTMENT OF COMMERCE; Commercial and Government Radio Stations of the United States - 1921** . 1st edition, 1921. This government publication contains land and ship stations which show the call letters, wave length, and owner of the station. The spine has a small chip at the top. 102 pages. Very Good condition. Scarce. Softcover. $15.00

16. **DESOTO, CLINTON; Two Hundred Meters and Down** . 1st edition, 1936. The story of amateur radio highlighting the pioneers, their development, subsequent recognition, and the new international high frequency communication. This is the hard to find hardcover edition. The cover has a few small spots. 184 pages. Good + condition. Scarce. $45.00

17. **EASTERN SIGNAL CORPS SCHOOLS; Test and Repair of Ground Radio Equipment** . 2nd edition, 1943. This is a set of 2 Volumes that cover the entire range of Signal Corps equipment. Volume 1 contains service info on the BC-191, BC-312, SCR-188A, SCR-211, and SCR-299. Volume 2 covers the SCR-284, SCR-536, SCR-300, SCR-508, 509, 510, 528, 538, and others. Both of the vols are marked "Restricted". The spine of vol. 1 is reinforced with tape. 529 pages. 400 illus. Good + condition. Scarce. Softcover.$55.00

18. **EVENSON, R.C. AND BEACH, O.R.; Surplus Radio Conversion Manual, Vol.2** . 1st edition, 1948. This generously illustrated volume is dearly sought by hams who love using old army surplus gear. Surplus gear covered are as follows: ARC-5 "Command" series (both receivers and transmitters), BC-375, and the ever popular type LM Frequency Meter. 124 pages. Very Good condition. Uncommon. Softcover. $25.00

19. **EVERITT, WILLIAM LITTELL; Communication Engineering** . 2nd edition, 1937. A well balanced course in theory and applications of the various circuits making up radio transmitters and receivers. At the end of each chapter there is a concise bibliography. 727 pages. 411 illus. Very Good condition. Uncommon. $15.00

20. **GRAYSON, KENNETH B.; Surplus Schematics Handbook** . 1st edition, 1960. This generously illustrated volume is dearly sought by hams who love using old army surplus gear. Pubished by CQ magazine, some of the many receivers and transmitters covered include the ARC series, BC-348 , BC-375, BC-611, RAK, RAl, RAX, RBH, SCR-274, SCR-522, TBS, TBY, VRC, etc. etc. 112 pages. Very Good condition. Uncommon. Softcover. $35.00

21. **HOWARD W. SAMS; Communications Receiver Manual CR2** . 1st edition, 1952. This is manual Type CR2 which includes special purpose receivers. This seldom seen book covers all types of communications receivers- from elaborate equipment to inexpensive short wave sets. Some of the companies include Collins, Hallicrafters, Nationsl and RME. Shown are schematics, alignment proceedures, voltage & resistance charts, etc.. 249 pages. Very Good condition. Scarce. Softcover. $45.00

22. **HOWARD W. SAMS; Post War Communications Receiver Manual CR1** . 2nd edition, 1948. This is manual Type CR1 which includes aircraft and marine radios. This seldom seen book covers all the popular models produced from 1945 -1948 by Hammarlund, Hallicrafters, Gonset, National, Harvey Wells, Heath & many smaller companies. Shown are schematics, alignment proceedures, voltage & resistance charts, etc.. 270 pages. Good + condition. Scarce. Softcover. $45.00

23. **HUND, AUGUST; Phenomena in High-Frequency Systems** . 1st edition, 1936. A comprehensive treatment of high-frequency systems with applications to problems relative to communication engineering. Included are basic principles of tubes, amplification theory and design, and a large section on antennas. 642 pages. 359 illus. Very Good condition. Uncommon. $15.00

24. **JAMES, W.; Wireless Valve Transmitters** . 1st edition, 1924. This rare volume covers the design and operation of transmitting apparatus. Containing many illustrations, it encompasses both CW and wireless telephony. One of the first books written on the subject. There is a 3/4" x 2" piece cut from the top of the title page, not affecting the text. 271 pages. 210 illus. Good + condition. Scarce. $40.00

25. **JONES, FRANK; 5 Meter Radiotelephony** . 2nd edition, 1934. One of the first publications dedicated to the 5 meter band, this nicely illustrated book includes details on building a number of sets, including AC, DC and battery operation. Even the new "Acorn" pentode is utilized in a transceiver. The spine and covers have been reinforced with tape. 48 pages. 76 illus. Good + condition. Rare. Softcover. $25.00

26. **JONES, FRANK C.; The Radio Handbook** . 1st edition, 1935. Published by Radio Co., of Los Angeles, this handbook is the west coast equivalent of the ARRL radio amateur's handbook. Many methods of antenna construction are shown, as well as transmitter and receiver circuits. Hundreds of photos and illustrations & numerous advertisments accent the text. The First Printing! WoW! 296 pages. Good + condition. Rare. $55.00

27. **KING, R.W. AND MIMNO, H.R AND WING, A.H.; Transmission Lines, Antennas And Wave Guides** . 1st edition, 1945. Developed from the lecture notes of a special war-time training course at Harvard University, this book is dedicated to the Armed Forces. The combination of professors and instructors who pooled their resources in improving techniques for teaching electronics produced an excellent manual on the subject. 347 pages. Very Good condition. Uncommon. $15.00

28. **KUECKEN, JOHN A.; Antennas and Transmission Lines** . 1st edition, 1969. This volume provides a simple staraightforward account of the principles involved in antennas and transmission line design. Includes many diagrams and equations that compliment the text. 320 pages. 239 illus. Very Good condition. Uncommon. Softcover. $10.00

29. **LEUTZ, C. R.; Short Waves** . 1st edition, 1930. This is the first full length book devoted solely to high frequency technology. Profusely illustrated with many photos of short wave apparatus, there are even chapters devoted to Television and Aircraft radio. A very desirable book. 384 pages. 185 illus. Very Good condition. Scarce. $55.00

30. **MEISSNER; How To Build Radio Receivers** . 1st edition, 1943. This publication presents the entire line of 1939-1940 Meissner Kit receivers. An article on television in theory & practice precedes complete constructional information for the "New" Meissner television receiver. There is complete instructions for 28 different receivers, including many short wave models. This is a 1991 Lindsay Publ. Reprint 168 pages. Fine condition. Common. Softcover. $10.00

31. **MILLEN, JAMES; Notes On Amateur Transmitter Design** . 1st edition, 1938. A fascinating collection of ideas and handy data for the amateur planning to upgrade or change his station equipment. Construction details for many circuits are shown, as well as many photos of vintage National equipment, their specs and schematics. A nice 20 page catalog of National Equipment is included at the rear. The spine is worn. 118 pages. Good + condition. Scarce. Softcover. $35.00

32. **ORR, WILLIAM I.; Beam Antenna Handbook** . 3rd edition, 1955. The perfect book for experimenting and constructing your own beam antennas, specifically providing the design, adjustment and evaluation criteria for parasitic arrays. 200 pages. Very Good condition. Uncommon. Softcover. $15.00

33. **RADIO COMMUNICATION & ELECTRONIC ENGINEERING ASSOC.; Guide To The Specification and Use of Quartz Crystal Oscillator Crystals** . 1st edition, 1958. This concise pamphlet covers a multitude of characteristics of a variety of quartz crystals. Basic circuits explored include Pierce, Colpitts, & Miller Oscillators. Diagrams and charts assist one in determination of stability in many applications. 38 pages. 11 illus. Very Good condition. Scarce. Softcover. $15.00

34. **SIGNAL CORPS, U.S. ARMY; Message Book M-210** . 1st edition, 1942. An unused World War II Radio message booklet, perfect for display with your WWII era display! Includes 25 message blanks, each with 3 pieces of carbon paper and 3 copies. 25 pages. Very Good condition. Uncommon. Softcover. $20.00

35. **SMITH, WOODROW W.; The Antenna Manual** . 2nd edition, 1938. Written by the former editor of "Radio", this Manual provides a detailed discussion of the antenna and its associated feeder equipment for amateurs and others using the high frequencies. Containing many photos and illustrations, it aids one in increasing efficiency for better transmitting and receiving antennas. 112 pages. Good + condition. Scarce. Softcover. $25.00

36. **SMITH, WOODROW W.; The Antenna Manual** . 3rd edition, 1948. Written by the former editor of "Radio", this Manual provides a detailed discussion of the antenna and its associated feeder equipment for amateurs and others using the high frequencies. Containing many photos and illustrations, it aids one in increasing efficiency for better transmitting and receiving antennas. 306 pages. Very Good condition. Uncommon. $20.00

ATOMIC ENERGY

37. **BRADLEY, DAVID; No Place To Hide** . 1st edition, 1948. This book blatently describes what an atomic bomb can do to ships, islands, seaports, and harbors. The author was a radiological monitor with the task force who performed the Bikini tests, and gives a day by day account of the operation and horrible menace of the aftermath of atomic explosions. 182 pages. Very Good condition. Uncommon. Dust Jacket. $20.00

38. **DIETZ, DAVID; Atomic Energy In The Coming Era** . 1st edition, 1945. A unique history of the buildup which led to the bomb, with enough theory to give one a basic understanding. Written just months after the bomb was dropped, it contains some nice photos including one of Einstein and Van de Graaf with a 1931 generator. 184 pages. Good + condition. Scarce. $20.00

39. **LOS ALAMOS SCIENTIFIC LABORATORY; The Effects Of Atomic Weapons** . 2nd edition, 1950. This book presents, as accurately as possible, a technical summary of the results to be expected from the detonation of atomic weapons. Distinguished scientists from all over the country were consulted, as well as at Los Alamos. Contains many detailed photos of the damage at Hiroshima, Nagasaki, and Bikini. 456 pages. Very Good condition. Rare. Softcover. $25.00

40. **WENDT, GERALD & GEDDES, DONALD PORTER; The Atomic Age Opens** . 1st edition, 1945. The color cover is almost as colorful as the story of the bomb's development. Written shortly after Hiroshima, the book had the intention of providing both a history and the future applications of atomic energy. This is a rare 1st Printing, dated August, 1945 and in nice condition. 251 pages. Very Good condition. Scarce. Softcover. $55.00

BROADCASTING 1920-30

41. **"DICTRON"; Wireless Step by Step** . 1st edition, 1930. An interesting title written for the newcomer to the broadcast craze during the 1920's. The author remains a mystery, (if anyone could reveal his identity, I would appreciate it.) Most of this book covers the use of the valve in wireless telegraphy & telephony. This is the 7th printing, & the spine is slightly worn. 185 pages. 46 illus. Good + condition. Scarce. $20.00

42. **(EPHEMERA); Atwater Kent Radio Log** . 1st edition, 1925. Original 6" x 9" Atwater Kent Radio Log, with spaces for the city, call letters, frequency, dial settings and remarks. 1 pages. Very Good condition. Scarce. $10.00

43. **(TRADE CATALOG); Remler Radio Mfg. Co.** . 1st edition, 1921. This is a fantastic loose-leaf style format catalog with very little wear to the covers. It is comprised of individual bulletins bound together, numbered #1001 thru #1007, and I believe it is their first catalog. The complete line is pictured, including the Type 330 Detector, 331 Amplifier, the Type 400 Coil Mounting & many others. 32 pages. Very Good condition. Rare. Softcover. $55.00

44. **(TRADE CATALOG) MANHATTAN ELECTRICAL SUPPLY CO.; Wireless Catalog** . 1st edition, 1922. Better known as Mesco, this catalog includes hundreds of items relating mainly to wireless apparatus. The manufacturers include RCA, Grebe (Lots!), Kennedy, DeForest, Paragon and General Radio. It is in beautiful condition for its age, the top right corner 1/2" is clipped. It even includes the original price reduction sheet. Very Nice! 208 pages. Very Good condition. Rare. Softcover. $85.00

45. **BALLANTINE, STUART; Radio Telephony for Amateurs** . 2nd edition, 1923. This book concentrates exclusively on the principles and application of radio telephony. Covered are the transmitter, receiver, and antenna construction. Includes many photos and illus. of early equipment and parts. The owner's name is on the title page. 296 pages. 153 illus. Very Good condition. Common. $15.00

46. **BALLHATCHET, A.V.; Crystals and Crystal Detectors** . 1st edition, 1925. WoW!! This is the only book I've seen dedicated to crystal detectors and their minerals!! It contains practical instruction on selection, testing, mounting and adjustment of mineral rectifiers. It's illustrated by many photographs of the best detectors with a full description of the characteristics of crystals and methods of testing! 46 pages. 21 illus. Very Good condition. Rare. Softcover. $75.00

47. **COCKADAY, LAURENCE M.; Radio-Telephony For Everyone** . 1st edition, 1922. Contains the working theory of radio in general, but particularly the radiophone transmitter and receiver. Crystal detectors, vacuum tubes, antennas and amplification comprise some of the chapters, along with building radio receivers. A nice copy written by a famous radio engineer of the 20's. 213 pages. 65 illus. Very Good condition. Uncommon. $25.00

48. **CROSLEY, POWELL; Simplicity Of Radio** . 16th edition, 1924. A popular little volume written by the owner of Crosley Radio Co. This profusely illustrated book discusses the theory and practical application of radio as applied to their receivers and parts. A nice copy with many illustrations of early radio parts and accessories. 80 pages. Very Good condition. Uncommon. Softcover. $20.00

49. **ERSKINE-MURRAY, JAMES; Wireless Telephones** . 3rd edition, 1923. A well balanced sketch of the subject by the author of "Wireless Telegraphy". Included is a brief outline of wireless telephony, as well as the Poulsen system of arc transmission and the use of the vacuum tube as a high-frequency generator. Knight's List # 89. 84 pages. 21 illus. Very Good condition. Scarce. $40.00

50. **GERNSBACK, HUGO; Radio For All** . 1st edition, 1922. An excellent volume containing all the information the layman of the 1920's would want to know. Written by the most prolific science fiction writer ever, the final chapter deals with the future of radio, and includes an accurate description of television. A very nice copy. 292 pages. 12 photos. 121 illus. Very Good condition. Uncommon. $40.00

51. **GREENWOOD, W.; A Textbook Of Wireless Telegraphy and Telephony** . 2nd edition, 1930. The object of this book is to treat wireless as a branch of electrical engineering and educate the average engineer in the field. Well illustrated, containing a very nice section on vacuum tubes. 275 pages. 196 illus. Very Good condition. Scarce. $20.00

52. **HAAN, ENNO R.; Radio Trouble-Shooting** . 1st edition, 1928. Probably the first full-length book written on the subject, it contains all the information needed to fix any radio receiver at the time. Devoted primarily to battery sets, the book only gives a casual mention of the early A.C. tubes. This is a quality 1989 reprint of the original edition, in softcover. 317 pages. 90 photos. 166 illus. Very Good condition. Common. $15.00

53. **HENLEY, NORMAN L.; Henley's 222 Radio Circuit Designs** . 1st edition, 1924. A comprehensive collection of receiving and transmitting circuits complete with design data and component values. A perfect book for the home brew experimenter. A somewhat worn copy, the binding has been replaced with hardcovers & they aren't very attractive. 271 pages. 284 illus. Good condition. Uncommon. Softcover. $15.00

54. **HOGAN, JOHN V.L.; The Outline of Radio** . 1st edition, 1925. An easily understood treatise on radio, written with the laymen in mind. Contains a historical review and fine nice photos of early gear, as well as an interesting bibliography of radio books. 268 pages. 15 photos. 68 illus. Very Good condition. Uncommon. $15.00

55. **JONES, BERNARD E.; Crystal Receiving Sets** . 1st edition, 1924. A rarely seen handbook on building and experimenting with the most efficient crystal sets & one chapter is dedicated to "Miniature Crystal Sets" and describes how to construct sets such as the Matchbox and Vest-Pocket crystal receivers! The author was editor of "Amateur Wireless" magazine. The spine is chipped. First copy we've seen! 124 pages. 114 illus. Good + condition. Very Rare. Softcover. $95.00

56. **KENDALL, LEWIS J. AND KOEHLER, ROBERT PHILLIP; Radio Simplified- What It Is and How To Build and Operate The Apparatus** . 1st edition, 1922. This book describes the theory of radio, and how to build and operate the apparatus involved. A good all around book on the subject, with a nicely embossed color cover, and a rarely seen colorful dust jacket. 271 pages. 95 illus. Very Good condition. Common. $25.00

57. **LACAULT, R.E.; How To Build and Operate The Ultradyne Model L-2 Improved Superheterodyne** . 1st edition, 1924. This rare booklet contins information on how the Famous Ultradyne works, and how to construct it. There is even a troubleshooting section in case it doesn't work! A log is located at the back that is partly filled in with stations the owner received with the set he built. 30 pages. 18 illus. Good + condition. Scarce. Softcover. $20.00

58. **LEWIS, E.H.; The A B C Of Vacuum Tubes In Radio Reception** . 1st edition, 1922. An early vacuum tube reference work, concentrating mainly on developing the elementary principles of theory and operation. The cover is nicely illustrated with a Moorehead audion. 132 pages. 48 illus. Very Good condition. Uncommon. $25.00

59. **LODGE, SIR OLIVER; Talks About Wireless** . 1st edition, 1925. This book contains an excellent section on the early pioneering work in wireless telegraphy and the development of radiotelephony. Written with the layperson in mind, by an important early wireless pioneer. 251 pages. Very Good condition. Scarce. $35.00

60. **SECOR, HARRY W.; The How And Why Of Radio Apparatus** . 2nd edition, 1922. "A treatise on the principles underlying the operation of wireless transmitting and receiving instruments". From induction coils to crystal detectors this book covers it all. This is a quality reprint puublished by Lindsay Publications in 1993. 160 pages. Fine condition. Scarce. Softcover. $10.00

61. **THE EKKO COMPANY; EKKO Broadcasting Station Stamp Album** . 1st edition, 1924. Published in 1924, this album has spaces for hundreds of stamps for many of the broadcasting stations in the US and Canada. A few stamps are included, the rest you have to look for yourself! A neat piece for the Radio Stamp Lover. This is the first copy we've had for sale! 96 pages. Good + condition. Rare. $125.00

62. **VERRILL, A. HYATT; The Home Radio - How to Make and Use It** . 1st edition, 1922. This book was written for those amateurs who wished to know how to make, use, or adjust wireless telephone instruments. Construction details of a crystal set, one tube set, and a small transmitter are included. 107 pages. 60 illus. Very Good condition. Uncommon. $15.00

BIOGRAPHIES

63. **APPLEYARD, ROLLO; A Tribute to Michael Faraday** . 1st edition, 1931. A fine biography written about Michael Faraday on the 100th anniversary of his famous electromagnetic discoveries. Contains some very excellent photos and illustrations. An important book for the historian of electricity or wireless telegraphy. 204 pages. 30 illus. Very Good condition. Scarce. $55.00

64. **BLOOM, URSULA; He Lit The Lamp** . 1st edition, 1958. Professor Low was a man of many achievements. In 1914 he demonstrated the multicell system of television in 1914, he called it the "Televista". He also designed the first radio & gyro controlled robot plane, and early wireless call, which was a spark transmitter embedded in the handle of an umbrella. Includes a list of all his discoveries! 214 pages. 26 photos. Very Good condition. Scarce. Dust Jacket. $20.00

65. **CLARK, RONALD W.; Edison; The Man Who Made The Future** . 1st edition, 1977. In this volume, the author describes Edison's early, untutored upbringing, his first inventions, and his struggles in the industrial jungle in the aftermath of the civil war. Also described is the work he did in the rubber industry for the U.S. Navy during WWI. Includes a nice bibliography. Ex-Library, the rear hinge has been repaired. 256 pages. 60 photos. Good condition. Uncommon. Dust Jacket. $15.00

66. **CONOT, ROBERT; A Streak Of Luck- The Life & Legend Of Thomas Alva Edison** . 1st edition, 1979. Written on the centennial of the incandescant light, the author combed through the Edison archives to present the first complete account of this great inventor's life. A large book, it contains many fine photos of Edison, as well as a concise reference guide of associates and relatives. Includes a thorough bibliography of his source notes. 565 pages. 60 photos. Very Good condition. Common. Dust Jacket. $25.00

67. **CURIE, EVE; Madam Curie** . 2nd edition, 1943. The life of this famous physicist is well covered in this volume, centering on her discovery of radium, and the resulting experiments. Includes a nicely illustrated dust jacket. 412 pages. 32 photos. Very Good condition. Common. Dust Jacket. $15.00

68. **DEFOREST, LEE; Father of Radio** . 1st edition, 1950. An intimate autobiography by one of the most interesting and versatile geniuses who ever lived. DeForest was a pioneer in early wireless and formed one of the first companies in America. He also invented the 3- element vacuum tube. Includes his patent list, which covers 47 years. The covers are a bit worn and soiled 502 pages. 33 photos. 8 illus. Good + condition. Scarce. $65.00

69. **DIBNER, BERN; Alessandro Volta and the Electric Battery** . 1st edition, 1964. An excellent biography of the man who, unknowingly, opened the doors of the electrical age. His famous battery, called the voltaic pile, inspired in many of the early electrical geniuses who made our world what is today. 135 pages. 35 illus. Fine condition. Common. Dust Jacket. $20.00

70. **DIBNER, BERN; The Ten Founding Fathers of the Electrical Science** . 1st edition, 1954. A fine work consisting of a short biography of these early experimenters: Gilbert, Guericke, Franklin, Volta, Ampere, Ohm, Gauss, Faraday, Henry, and Maxwell. Many fine illustrations of the men are also included. 48 pages. 21 illus. Fine condition. Uncommon. Softcover. $20.00

71. **FULLER, FREDERICK L.; My Half Century As An Inventor** . 1st edition, 1938. This is the story of Frederick Fuller, an inventor who patented many types of calculating machines, time clocks, cash registers and adding machines. Many photos of his apparatus are shown, along with his numerous patents. The preface was written by his close friend, Thomas J. Watson, of IBM fame. 241 pages. Very Good condition. Rare. $35.00

72. **GARBEDIAN, H. GORDON; George Westinghouse; Fabulous Inventor** . 1st edition, 1943. The story of a prolific inventor involved in both railroad and electrical development. More than 360 patents are registered in his name, and are listed in the appendix of the book. Includes a nicely illustrated dust jacket. 235 pages. 22 photos. Very Good condition. Uncommon. $30.00

73. **GILBERT, A.C. AND MCCLINTOCK, MARSHALL; The Man Who Lives In Paradise** . 1st edition, 1954. The story of A.C. Gilbert told in his own voice. His erector set soon became a household word and his business philosophy led to his fantastic success. An incredible man with diverse interests, this story is difficult to put down! The full story of Clarence Tuska and the radios he introduced for A.C. Gilbert is told here. 374 pages. 16 photos. Very Good condition. Rare. $75.00

74. **GLADSTONE, J.H.; Michael Faraday** . 1st edition, 1872. A well-written biography of the famous electrician responsible for the discoveries leading to many electrical inventions. This early work, written by a friend of Faraday's, contains some interesting facts not brought out elsewhere. The spine is worn along the edges. 176 pages. Good condition. Rare. $55.00

75. **GOLDMARK, PETER; Maverick Inventor; My Turbulent Years At CBS** . 1st edition, 1973. This biography recounts Goldmark's triumph over the recording industry when he invented the long-playing record. Within this book, his trials and tribulations concerning the corporate wars against David Sarnoff and the FCC are well-explained, as is color TV. A perfect copy with a beautiful dust jacket. 278 pages. Fine condition. Uncommon. Dust Jacket. $45.00

76. **GUNSTON, DAVID; Marconi; Father of Radio** . 1st edition, 1965. An excellent biography on the inventor of radio, Guglielmo Marconi. This book concentrates on the scientific and practical aspects of Marconi's work in wireless telegraphy. Includes a fine pictorial dust jacket. 128 pages. 15 photos. 15 illus. Very Good condition. Scarce. $25.00

77. **HAMMOND, JOHN WINTHROP; Charles Proteus Steinmetz** . 1st edition, 1924. This is the first authorized biography of this great electrical wizard. His personal life and his work at General Electric are well covered in this book. 489 pages. 18 photos. Good + condition. Scarce. $30.00

78. **HUBERT, PHILIP G. JR.; Inventors** . 1st edition, 1893. This is an excellent book portraying our most famous inventors, including Ben Franklin, Samuel F.B. Morse, Goodyear, Edison, Alexander Graham Bell, Charles Brush, George Westinghouse and many others. 299 pages. 72 illus. Very Good condition. Scarce. $45.00

79. **JACOT, B.L. AND COLLIER, D.M.B.; Marconi- Master Of Space** . 1st edition, 1935. A fine biography of Marconi, published in London, and being the first authorized by the old man, while he was still alive. After learning of this book's existance I searched high and low until I was thrilled to locate one for my library; this is the first German language copy that I was fortunate enough to find. 287 pages. 16 photos. Very Good condition. Rare. $115.00

80. **JOLLY, W.P.; Marconi** . 1st edition, 1972. This biography of the Father of Radio is the first to separate fact from rumor about this genius who inspired both hatred as well as admiration. Includes details surrounding the Marconi Scandal, tempestuous love affairs, and his escape from death on the Lusitania. 292 pages. 24 photos. Fine condition. Scarce. Dust Jacket. $30.00

81. **JOLLY, W.P.; Sir Oliver Lodge; Psychical Researcher and Scientist** . 1st edition, 1974. A modern biography of Britain's greatest physical scientist whose pioneering work in wireless and psychical research have established him as a historic figure. Contains excellent 8-page bibliography. 256 pages. 9 photos. Very Good condition. Scarce. $25.00

82. **LODGE, SIR OLIVER; Past Years; An Autobiography** . 1st edition, 1931. An outstanding and complete life story of one of history's most famous scientists. In this work he describes his ancestry and early years and his relations and scientific work with other scientists of the age. His early experiments in wireless telegraphy and tuning are explained in detail. Includes a rarely seen dust jacket. 364 pages. 16 photos. Fine condition. Scarce. $55.00

83. **MARCONI, DEGNA; My Father Marconi** . 1st edition, 1962. This fascinating biography of Marconi was written with affection and understanding by his eldest daughter, who has drawn from the great wireless pioneer's diaries and correspondence as well as from scientific and historical records of his work. 320 pages. 23 photos. Fine condition. Scarce. Dust Jacket. $25.00

84. **MEADOWCROFT, WILLIAM H.; The Boy's Life of Edison** . 2nd edition, 1921. A nice biography written by a member of the Edison laboratory, and designed for boys and girls of all ages. Modeled after the two-volume biography by Dyer and Martin, it contains a nice profile photograph of Edison on the embossed front cover. 272 pages. 12 photos. Very Good condition. Uncommon. $30.00

85. **MILLER, FLOYD; The Man Who Tamed Lightning; Charles Proteus Steinmetz** . 2nd edition, 1966. An excellent biography on Steinmetz, the great electrical wizard. The original title was : The Electrical Genius of Liberty Hall. 160 pages. Very Good condition. Uncommon. Softcover. $15.00

86. **MILLIKAN, ROBERT A.; The Autobiography Of Robert A. Millikan .** 1st edition, 1950. The reflections and recollections of a famous physicist written with humor and style. He gives an interesting account with photos of other famous men and women he has known. One of the foremost pioneers in atomic physics, and winner of the Nobel Prize. 311 pages. 15 photos. Very Good condition. Uncommon. Dust Jacket. $20.00

87. **PUPIN, MICHAEL; From Immigrant to Inventor .** 1st edition, 1923. A great autobiography of this professor of electro-mechanics. This book on Michael Pupin inspired many a young experimenter to enter the field of scientific research. He set forth the electrical theories on tuning resonance, along with many other contributions in the wireless field. 396 pages. 11 photos. Very Good condition. Common. $15.00

88. **RANDELL, WILFRID L.; Michael Faraday .** 1st edition, 1924. An excellent biography written by a non-technical author who utilizes new information on Faraday, which was presented to the IEE. 192 pages. Very Good condition. Scarce. $30.00

89. **SARNOFF, DAVID; Looking Ahead; The Papers of David Sarnoff .** 1st edition, 1968. An engrossing chronicle of the electronics industry as we know it, told by the man who is responsible for much of its tremendous growth and impact on our lives today. Covers from before WWI to 1968 and beyond. 313 pages. 52 photos. Fine condition. Uncommon. Dust Jacket. $20.00

90. **SIMONDS, WILLIAM A.; A Boy With Edison .** 1st edition, 1931. The story of Francis Jehl, Thomas Edison's laboratory assistant. This book begins with Francis Jehl as a young hoodlum, his early interest in electricity, and his opportunity to assist Edison at Menlo Park. Jehl was very involved in the restoration of Menlo Park Laboratory. 285 pages. 22 photos. Very Good condition. Uncommon. $25.00

91. **SUSSKIND, CHARLES AND KURYLO, FRIEDRICH; Ferdinand Braun .** 2nd edition, 1981. The only in-depth biography about the inventor of the cathode-ray tube. He also made fundamental contributions to the field of wireless telegraphy, and was jointly awarded the Nobel Prize in Physics with Marconi in 1909. Originally published in German in 1965, this copy has a nicely illustrated dust jacket. 289 pages. 19 illus. Fine condition. Common. $45.00

BIBLIOGRAPHY/REF

92. **RONALDS, SIR FRANCIS (THE RONALDS LIBRARY); Catalogue of Books and Papers Relating To Electricity and the Electric Telegraph .** 1st edition, 1880. This rarely seen catalog has now been reprinted, in A Limited Edition (150 copies). Probably the best bibliography ever printed on early and important books relating to telegraphy and electricity. This catalog contains over 13,000 entries of books, pamphlets and serials. This is one reference book I DO USE to help construct this catalog! Its great! 552 pages. New condition. Common. $85.00

93. **WEAVER, WILLIAM D.; The Wheeler Gift Catalog** . 1st edition, 1909. This two volume set was a limited edition printed soley for the members of the American Institute Of Electrical Engineers. This was the famous library of Latimer Clark, who sold it to Wheeler & was then donated to the IEE. A fantastic collection of 7000+ early electrical books, it's a premier reference work and often quoted. 979 pages. Very Good condition. Rare. $450.00

94. **WILLIAMS, TREVOR I.; A Biographical Dictionary Of Scientists** . 1st edition, 1969. Authoritative and readable accounts of the lives and work of over one thousand eminent scientists and technologists. Each scientist's achievements are described, assessed and related to those of his predecessors and successors. Includes bibliographical references for further research. An excellent book! 592 pages. Fine condition. Scarce. Dust Jacket. $45.00

BROADCASTING, SOCIAL

95. **CAMPBELL, ROBERT; The Golden Years Of Broadcasting** . 1st edition, 1976. This book is a celebration of the first 50 years of NBC's network broadcasting. The text is rich in nostalgia, recalling radio's hesitant beginnings and its subsequent blossoming into full scale television productions. Contains over 60 full color photos as well as more than 200 in black and white. 256 pages. 270 photos. Very Good condition. Uncommon. Dust Jacket. $20.00

96. **DUNNING, JOHN; Tune In Yesterday** . 1st edition, 1976. The ultimate encyclopedia of old-time radio 1925-1976. This book is cosidered the bible for early broadcst historians of the early radio programs. Contains hundreds of radio series from their inception to their demise in later years. Alphabetized, it provides an excellent reference. 703 pages. Very Good condition. Scarce. Softcover. $65.00

97. **HEAD, SYDNEY W. AND STERLING, CHRISTOPHER; Broadcasting in America** . 6th edition, 1990. A very complete textbook documenting all phases of radio and television broadcasting. The history of broadcasting, golden age of both radio and TV are discussed. Economics and social control as well as the influence of broadcasting are demonstrated. This edition has the latest on digital, Hi-Definition TV & fiber optics. 615 pages. Fine condition. Uncommon. $15.00

98. **LANDRY, ROBERT J.; This Fascinating Radio Business** . 1st edition, 1946. Essentially a story of radio and its influence on people and business. Contains a short history as well as the strategic importance of radio during WWII. 343 pages. 29 photos. Very Good condition. Scarce.$15.00

99. **PERRY, DICK; Not Just A Sound; The Story Of WLW** . 1st edition, 1971. Written by a former producer-director of ABC TV, this book takes Powell Crosley's station from its birth in 1922 through the broadcast era. Contains many photos of early performers and studios. 242 pages. Fine condition. Rare. Dust Jacket. $25.00

100. **THE VOICE; The Voice of Experience** . 1st edition, 1933. This unusual book is a collection of responses to the fifty most frequently asked questions during his years of broadcasting. Trained in psychiatry, the author offers easy, readable prose along with sound advice for human problems maintaining his anonymity throughout. Includes a nicely illustrated dust jacket. 367 pages. Very Good condition. Scarce. $20.00

101. **THOMAS, LOWELL; Magic Dials** . 1st edition, 1939. A wonderfully illustrated volume that covers the story of radio and television. Includes many full page photos, many of them in color. It portrays a behind the scene glimpse of radio broadcasting. Illustrated by Anton Bruehl, this large (8 1/2" x 11") format book is the first copy we've had for sale. The spine has been repaired. 146 pages. 61 photos. Good + condition. Rare. $55.00

COMPUTER

102. **BELDEN, THOMAS & MARVA; The Lengthening Shadow: The life of Thomas J. Watson** . 1st edition, 1962. This biography tells the story of the founder of IBM, his drive and personal setbacks. They combined to make him a force able to build one of America's premier industries. Includes a nice dust jacket. 332 pages. 19 photos. Good + condition. Uncommon. Dust Jacket. $25.00

103. **BERNSTEIN, JEREMY; The Analytical Engine** . 1st edition, 1965. A thought-provoking account of the past, present, and future of the computer. This book provides the common reader with an understanding of the machine which was to change the world. Including a nicely illustrated dust jacket, this is a copy of the 4th printing. 113 pages. Fine condition. Uncommon. Dust Jacket. $20.00

104. **BYCER, BERNARD B.; Digital Magnetic Tape Recording: Principles and Computer Applications** . 1st edition, 1965. This book is a comprehensive coverage of digital magnetic tape recording in terms of basic mechanical, magnetic, and electronic techniques, including computer applications. A variety of early magnetic tape recording installations are pictured. An early book on the subject. 318 pages. 296 illus. Very Good condition. Scarce. $55.00

105. **HANSON, DIRK; The New Alchemists: Silicon Valley and the Microelectronics Revolution** . 1st edition, 1982. An excellent historical overview of the events which led to the development of the mass computer production housed in Silicon Valley. This captivating narrative gives a somewhat humerous perspective to the growing industry. Includes a 3 page bibliography and many notes & references. There is some highlighting of the text. 364 pages. Very Good condition. Uncommon. Dust Jacket. $15.00

106. **MCLACHLAN, DAVID J, AND MOLSOM, BERTRAM; Data Processing** . 1st edition, 1967. This book provides the theory and application of bookeeping and data processing using punch cards & computers. Written in the 60's, some neat early computer systems are pictured and described. From The Marconi Company Library, Baddow Research Laboratories, Chelmsford, England. 202 pages. 27 photos. 39 illus. Very Good condition. Scarce. $20.00

107. **WATSON, THOMAS J. JR. AND PETRE, PETER; Father Son & Co.** . 1st edition, 1990. This is the story of Thomas J. Watson Sr. and his son, who together built the colossus that is IBM, one of the world's largest and most profitable business enterprises. It is essentially a history of IBM and its rise from a manufacturer of tabulating machines and time clocks into the world's largest computing company. 468 pages. 61 photos. Fine condition. Uncommon. Dust Jacket. $15.00

ELECTRICITY

108. **(TRADE CATALOG); Electric Service Supplies Co.** . 6th edition, 1920. This is designated as catalog #6 depicting electrical materials used by the railroads, mines and industrial plants. Everything imaginable is listed, including many different types of insulators, telephones, electrical fixtures, coil winders and even signs and badges! 607 pages. 999 illus. Very Good condition. Scarce. $65.00

109. **(TRADE CATALOG); Manhattan Electrical Supply Co.** . 1st edition, 1913. This is hardcover Mesco catalog #25 containing thousands of beautiful illustrations depicting early telegraph, telephone, electrical and even blasting machines! Insulators, fans and testing gear are also found in abundance. There are even 11 pages with early wireless & spark apparatus! 872 pages. Very Good condition. Rare. $275.00

110. **(TRADE CATALOG); Manhattan Electrical Supply Co.** . 1st edition, 1912. This is a "Fourth Edition" Mesco catalog #25 containing hundreds of illustrations depicting early telegraph, telephone, electrical and even blasting machines! Fans, Fire and Burglar alarm apparatus is found in abundance. There are even 10 pages with early wireless & spark apparatus! The cover & front endpaper are slightly soiled. 246 pages. Good + condition. Rare. $245.00

111. **(TRADE CATALOG) CENTRAL SCIENTIFIC CO.; Physical Apparatus and Instruments- Catalog H** . 1st edition, 1931. A wonderful catalog illustrating any kind of scientific apparatus you could imagine! Geissler tubes, Wimshurst machines, X-Ray tubes & apparatus, electromagnets, induction coils, sound & optical apparatus, meters, galvanometers and even a coherer receiver/tramsmitter! The front cover is beautifully embossed in Silver and Orange. 577 pages. 999 illus. Very Good condition. Rare. $185.00

112. **ABRAHAM, MAX AND BECKER, RICHARD; The Classical Theory of Electricity and Magnetism** . 2nd edition, 1954. This important edition gives an updated version of an introduction to Maxwell's theory, first printed in 1894. It's strength includes vectors and their fields, electric & magnetic fields with their associated equations. 289 pages. Very Good condition. Scarce. Dust Jacket. $20.00

113. **BAUMEISTER, THEODORE; Fans** . 1st edition, 1935. This is the only book I've seen that covers the theory, design, air flow and testing of electric fans. Various types of fans are illustrated and described. Includes many bibliographic references. 241 pages. 78 illus. Very Good condition. Scarce. $35.00

114. **BEDELL, FREDERICK; The Principles of the Transformer** . 2nd edition, 1907. This book covers the theory and applications of transformer practice. The design and construction as well as the testing of transformers is discussed in detail. A chapter is dedicated to the effects of hysterisis and Foucault current on transformers. 416 pages. 250 illus. Good + condition. Scarce. $25.00

115. **BEELER, NELSON F. AND BRANLEY, FRANKLYN M.; Experiments With Electricity** . 1st edition, 1949. A witty & practical guide to experimenting with electricity. There are many neat & interesting things to construct, such as an electromagnet, magnetic lock, electric welding, a potato-current tester, and signalling by sound and light. The explanations are clear & illus., accompanied by a discussion of the principles invloved. 145 pages. 95 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

116. **BENJAMIN, PARK; The Age Of Electricity** . 1st edition, 1886. An excellent treatise on late 19th century electricity. This book covers the telegraph, telephone, the induction coil, electric light, dynamos, motors, medical electricity, as well as a nice history on early electrical discoveries. A nice copy with gold lightning bolts on the front cover. 381 pages. 143 illus. Good + condition. Scarce. $85.00

117. **CAILLARD, E.M.; Electricity: The Science of the 19th Century** . 1st edition, 1891. The aim of this female author is to present an outline of modern electrical science through this sketch for general readers. It covers static electricity, magnetism, current electricity, and practical appliances of electricity which include magneto- and dynamo-electric machines, the telegraph, & the telephone. Blank endpapers are missing. 310 pages. 41 illus. Good condition. Scarce. $35.00

118. **CULLWICK, E. GEOFFREY; The Fundamentals of Electro-magnetism** . 1st edition, 1939. This volume presents a restatement of physical and theoretical princip les for engineering students and others. A highly technical treatise on the subject with numerous digrams & formulas. 352 pages. 145 illus. Very Good condition. Scarce. $15.00

119. **DIBNER, BERN; Early Electrical Machines** . 1st edition, 1957. An excellent publication, profusely illustrated with early apparatus used in experimentation with electricity and the men who participated. Very Nice! There is a light stain at the top of a few pages. 57 pages. 52 illus. Good + condition. Uncommon. $20.00

120. **DIBNER, BERN; Faraday Discloses Electro-Magnetic Induction** . 1st edition, 1949. A interesting account of Faraday and his discoveries, centering on a letter to Richard Phillips, in which he tells of his experiments and a forthcoming book on his discoveries, to be named "Experimental Researches In Electricity". One of the earliest of Bern Dibner's papers on the history of electricity. 27 pages. 14 illus. Very Good condition. Scarce. Softcover. $35.00

121. **FARADAY, MICHAEL; Faraday's Experimental Researches in Electricity** . 1st edition, 1952. Faraday's famous treatise which was reprinted from the philosophical transactions. Originally written in three volumes in 1839-1855, this is the Encyclopedia Britannica's reprint as published with 2 other reprints on chemistry and heat. This book laid the groundwork for James Maxwell and Heinrich Hertz's electromagnetic experiments. GS 898 pages. 236 illus. Very Good condition. Scarce. $55.00

122. **FLEMING, J.A.; Magnets and Electric Currents** . 2nd edition, 1902. An elementary account of the scientific principles underlying modern applications of electricity in engineering. This edition is rarely seen for sale. A 70 page chapter on electrical measuring instruments is especially interesting, including many illustrations of seldom seen items. A very nice copy, with a slight impression on the cover. 408 pages. 134 illus. Very Good condition. Rare. $85.00

123. **GIBSON, CHARLES R.; Electricity Of Today** . 2nd edition, 1925. The mysteries of electricity are revealed in this book, as well as explanations of the more complicated forms of electric power and wireless communication. An excellent book which covers the telegraph, early electric lighting and wireless telegraphy. 347 pages. 24 photos. Very Good condition. Uncommon. $15.00

124. **HAMMOND, JOHN WINTHROP; Men And Volts: The Story Of General Electric** . 1st edition, 1941. This company history presents little known facts about Edison, Thomson and Steinmetz to name a few, along with an excellent history of the development of electricity & the history of General Electric Co.. 436 pages. 70 photos. Very Good condition. Uncommon. $25.00

125. **HARNWELL, GAYLORD P.; Principles of Electricity and Electro-Magnetism** . 2nd edition, 1949. Everything known about electro-magnetism is discussed in this book. From electrostatics and dielectrics to thermionic vacuum tubes, electrical conduction in gases, magnetic properties, and radiation. A scarce title, this is the first copy we've had. 670 pages. Good + condition. Scarce. $20.00

126. **HARRIS, WILLIAM SNOW; Rudimentary Treatise On Galvanism & The General Principle of Voltaic Electricity** . 1st edition, 1856. A highly sought after book written by one of the 19th century's most noted authors on electricity. It includes a historical look at the subject of electricity and the apparatus employed in the investigation of voltaic action, including the galvanometer & electrometer. Wheeler Gift Catalog #1359 states; "This Treatise Ranks Among The Best". 215 pages. 84 illus. Very Good condition. Very Rare. $245.00

127. **HOPKINS, GEORGE M.; Experimental Science** . 2nd edition, 1890. A monumental volume encompassing all areas of 19th century science and technology. This first edition covers induction coils, electrical measuring instruments, geissler tubes, the phonograph, microscopy, acoustical apparatus, the telephone and electrical magic. The front cover is nicely embossed with an illustration of a Faraday's wheel. 719 pages. 685 illus. Good + condition. Rare. $95.00

128. **HOPKINS, GEORGE M.; Experimental Science** . 25th edition, 1906. A monumental 2 volume set, reprinted in 1987 nicely done by Lindsay Publications, this well known work is usually found in poor condition. A later edition, it covers X-Ray, wireless telegraphy, electrical measuring instruments, the phonograph, induction coils, geissler tubes and microscopy. 1089 pages. 918 illus. Fine condition. Common. $35.00

129. **HORSTMANN, HENRY C. AND TOUSLEY, VICTOR H.; Wiring Diagrams and Descriptions** . 4th edition, 1914. A handbook chock full of wiring diagrams of telephone & telegraph circuits, electric bell systems, fire & burglar alarm systems, Arc and incandescent lighting including the Nernst lamp, recording wattmeters, and so on. The front & rear covers have a slight crease. 293 pages. 207 illus. Good + condition. Scarce. $15.00

130. **HOUSTON, EDWIN J.; A Dictionary Of Electrical Words, Terms, And Phrases** . 1st edition, 1892. The first published account of its type, this pioneer work is extremely well versed in early electrical science. A large volume, it contains many engravings of early electrical, telephone, & telegraph apparatus. The hinges are weak, ex-library. 562 pages. 289 illus. Good condition. Rare. $45.00

131. **HOUSTON, EDWIN J. AND KENNELLY, A.E.; Electric Heating** . 1st edition, 1895. One of the famous Electro-Technical Series, this book covers in detail the use of electricity to heat trolley and railroad cars, as well as it's use in electric cooking, welding and furnaces. From The Franklin Institute Library. This is the first copy we've seen! 290 pages. 86 illus. Good + condition. Rare. $45.00

132. **JENKS, TUDOR; Electricity For Young People** . 1st edition, 1907. A well illustrated volume containing an in-depth description of various electrical machines, telegraph apparatus, wireless, dynamoes, X-Rays, and an excellent history of electricity. The cover is nicely illustrated with two children experimenting with electricity. X-library, this is a neat book! 317 pages. 8 photos. 75 illus. Good + condition. Scarce. $45.00

133. **KENNELLY, A.E. AND OTHERS; Electricity In Daily Life** . 1st edition, 1891. This book describes the theory and development of electrical apparatus in the 19th century. The telegraph and telephone are discussed, along with a chapter devoted to the transatlantic cable. Many wood engravings of early electrical devices and portraits of their inventors are shown. 288 pages. 125 illus. Very Good condition. Rare.$65.00

134. **KNOWLTON, ARCHER E.; Electric Power Metering** . 1st edition, 1934. This book contains an in-depth study of indicating instruments including watt-hour meters, instrument transformers, polyphase, testing techniques, and telemetering. 340 pages. 215 illus. Very Good condition. Scarce. $20.00

135. **KURTZ, EDWIN B.; The Lineman's Handbook** . 1st edition, 1942. The first book written expressly for linemen, it covers construction and maintenance procedure & methods in a practical format. This new edition includes many new features such as rural construction and tower line construction. Other areas covered indepth are: insulators, tranformers, and measurements. 650 pages. 682 illus. Very Good condition. Scarce. $25.00

136. **LANPHIER, R.C.; Electric Meter History and Progress** . 1st edition, 1925. Published by the Sangamo Electric Co., this book serves as a fine reference for collectors of early recording wattmeters. Many are shown, along with a description of their operation and application. The cover is a worn along the edges. 78 pages. 65 photos. Good + condition. Scarce. $45.00

137. **LODGE, SIR OLIVER; Atoms and Rays** . 1st edition, 1924. An excellent introduction to 1924's modern views on atomic structure and radiation. This volume investigates the possibility of harnessing the atom using its relations between matter, energy and the ether. In this noted work, the great scientist Oliver Lodge, explains the ABC's of the atom in layman's terms. Ex-library. 208 pages. Very Good condition. Scarce. $40.00

138. **MCMAHON, A. MICHAEL; The Making Of A Profession: A Century Of Electrical Engineering in America** . 1st edition, 1984. This book covers the main facts in the history of the profession, from the rough beginnings in telegraphy before the Civil War and the emergence of an embryonic electric lighting and power industry in the 1800's to the rise of technical electronics in the 20th century. Published by IEEE Press for the 100th aniversary of the Institution. 304 pages. 30 photos. Fine condition. Uncommon. Dust Jacket. $35.00

139. **NATIONAL ELECTRIC LIGHT ASSOCIATION; Handbook For Electrical Metermen** . 4th edition, 1924. This book was prepared as an aid to the meterman and engineer. Anything you ever wanted to know about any kind of meter and its operation is discussed in this volume, including laboratory standards, meter testing and meter department records. The edges are in gold leaf! 1242 pages. 852 illus. Good + condition. Scarce. $20.00

140. **NATIONAL ELECTRIC LIGHT ASSOCIATION; Electrical Meterman's Handbook** . 3rd edition, 1917. This book was prepared as an aid to the meterman and engineer. Anything you ever wanted to know about any kind of meter and its operation is discussed in this volume, including laboratory standards, meter testing and meter department records. Many photos and illustrations of meters and laboratory instruments are depicted. 1503 pages. 978 illus. Very Good condition. Scarce. $55.00

141. **NOLLET, JEAN ANTOINE; Researches Sur Les Causes Particulieres Des Phenomenes Electriques** . 2nd edition, 1754. In this ancient volume, Abbe' Nollet forth the theory showing the cause of electrical phenomenon is the affluence of a subtle fluid present everywhere. 8 folding plates with 24 illustrations show some of his experiments with early electrical apparatus. A very early book on electricity, leatherbound with worn & chipped covers. WoW! 444 pages. 24 illus. Good condition. Extremely Rare. $325.00

142. **OUDIN, MAURICE A.; Standard Polyphase Apparatus and Systems** . 3rd edition, 1902. This rarely seen title covers all types of Alternating Current systems, as well as generators, induction motors, synchronous motors, rotary converters, and static transformers. Includes many photos and illustrations of the state of the AC art at the turn of the century. 289 pages. 167 illus. Very Good condition. Rare. $65.00

143. **POWELL, F.E.; Electric Bells and Alarms** . 7th edition, 1901. A practical handbook on the construction, installation and repair of electric bells and alarms. Includes many nice illustrations of early apparatus. From the Franklin Institute Library. 77 pages. 51 illus. Good + condition. Scarce. Softcover. $15.00

144. **SHIPPEN, KATHERINE B; The Bright Design** . 1st edition, 1949. A popular account of the history of electricity, written with a style sure to guarantee that the reader will look forward to each and every page. Includes a nice illustrated dust jacket; the bottom of the cover has a slight nick. 207 pages. Good + condition. Uncommon. $15.00

145. **SLATER, JOHN C. AND FRANK, NATHANIEL H.; Electromagnetism** . 1st edition, 1947. Written by 2 physics professors from M.I.T., this a highly theoretical treatment of the subject. A strong section is devoted to wave guides and cavity resonators. as well as spherical electromagnetic waves. 240 pages. 36 illus. Very Good condition. Scarce. $15.00

146. **SLOANE, T. O'CONOR; Electic Toy Making** . 1st edition, 1897. This delightful book contains many electric devices for the amateur builder to experiment with. Projects include induction coil, electric insects, electric dancer, incandescent lamp, electric artillery, electric gymnastics and many other interesting subjects. 140 pages. 53 illus. Very Good condition. Scarce. $45.00

147. **STEELE, JAMES W.; Steam, Steel and Electricity** . 1st edition, 1895. The history and development of steam and the steam engine, as well as steel and the steel industry, are covered in depth in this book. Three-fourths of this volume is devoted to the history and advancement of electricity, encompassing the telegraph, telephone, electric light, and the dynamo. 246 pages. 22 illus. Good + condition. Scarce. $20.00

148. **STEINMETZ, CHARLES P.; Transient Electric Phenomena and Oscillations** . 3rd edition, 1920. A very nice copy of Steinmetz's famous treatise on the constants of electric circuits, including high frequency conductors, standing waves, traveling waves and complex circuits. 696 pages. 111 illus. Very Good condition. Scarce. $30.00

149. **STEINMETZ, CHARLES PROTEUS; Theoretical Elements of Electrical Engineering** . 2nd edition, 1902. This book contains the theory and calculation behind A.C. and D.C. motors. Covered in depth are polyphase induction motors, alternating current generators, transformers, dielectric losses, phase control, and general waves. A seldom seen title. Ex-library 330 pages. 143 illus. Good + condition. Rare. $35.00

150. **THOMSON, J.J.; Conduction of Electricity Through Gases** . 2nd edition, 1906. This is a landmark book, being the second edition of Thomson's experiments with x-rays, cathode rays, and Becquerel rays. This book explains the conduction of electricity when exposed to different gases. From The Franz Sondheimer Library. The spine is slightly worn. 678 pages. 205 illus. Good + condition. Rare. $135.00

151. **THOMSON, SIR WILLIAM; Electrostatics and Magnetism** . 1st edition, 1872. This book was written by Sir William Thomson, also known as Lord Kelvin. Consisting chiefly of reprinted articles on Electrostatics and electromagnetism, it was originally published within the last 30 yrs. Electrometers, leyden jars, and induction coils are all covered in this rarely seen volume. Spine is worn on the edges, it's a nice copy! 592 pages. Good + condition. Rare. $165.00

152. **TREVERT, EDWARD; Experimental Electricity** . 1st edition, 1890. An early book containing instructions on how to make a galvanometer, induction coil, telegraph instrument, electric motor and dynamo. 164 pages. 85 illus. Very Good condition. Scarce. $30.00

153. **VINAL, GEORGE WOOD; Storage Batteries** . 1st edition, 1924. This book summarizes the physical & chemical facts and theories on the subject, with emphasis on scientific principles. Quite a bit is shown on Edison Alkaline batteries, their construction, capacity, and charge-discharge. From The Teleglobe Canada Library. 402 pages. 156 illus. Good + condition. Scarce. $20.00

154. **WALSH, JAMES J. AND BROTHER POTAMIAN; Makers Of Electricity** . 1st edition, 1909. A biographical history of electricity, from the discoverers of the loadstone to Lord Kelvin, including Faraday and Maxwell. An early, well-written volume, giving insight to the importance of these men. George Ohm, Hans Christian Oersted and Andre Ampre are also covered in depth. This is a presentation copy signed by James Walsh. 404 pages. 22 illus. Very Good condition. Rare. $85.00

155. **YATES, RAYMOND FRANCIS; A Boy and His Motor** . 1st edition, 1944. This wonderful book starts with a brief history of the debvelopment of motors and tells how to make electrical motors and simple motors that will operate toys. This is the first copy we've seen! 111 pages. 31 illus. Good + condition. Scarce. $20.00

HISTORY OF RADIO

156. **BAARSLAG, KARL; SOS To The Rescue** . 1st edition, 1936. The story of shipwrecks & the wireless operators who were instrumental in saving thousands of lives through their unfailing devotion. The collision between the Republic and the Florida, sinking of the Titanic and rapid foundering of the Empress of Ireland are only a few of the exciting disasters described herein. Covers are worn, ex-library copy. 310 pages. 16 photos. Good + condition. Rare. $40.00

157. **BANNING, WILLIAM PECK; Commercial Broadcasting Pioneer; The WEAF Experiment 1922-1926** . 1st edition, 1946. This story demonstrates the pioneering effort proving how nationwide broadcasting as a public service could be financially supported. The text contains an excellent history of early radio broadcasting, and Western Electric's contribution to wireless telegraphy. Includes a nice dust jacket. 308 pages. 29 photos. Very Good condition. Uncommon. $40.00

158. **BARNOUW, ERIK; A Tower In Babel** . 1st edition, 1966. A history of broadcasting in the U.S. to the year 1933. This was the first of three volumes, beginning with Marconi's work in wireless telegraphy, proceeding through WWI and the birth of broadcasting, and ending with the stock market crash and the development of television. The title page has a small hole. Includes a chipped dust jacket. 344 pages. 45 photos. 8 illus. Good + condition. Uncommon. $20.00

159. **BAXTER, JAMES PHINNEY 3RD; Scientists Against Time** . 73th edition, 1968. The revealing history of American scientists at war and the story of the death-dealing and lifesaving devices which contributed to victory in World War II. It reveals the official inside story of the OSRD and the work done on radar, weapons, medicine & the atomic bomb, written by the official historian of the OSRD. 473 pages. 73 photos. Very Good condition. Scarce. Softcover. $15.00

160. **BELL TELEPHONE LABORATORIES; A History of Engineering and Science in the Bell System** . 1st edition, 1985. This is the fifth volume of a series documenting the significant contributions of the Bell System to telecommunications technology and is subtitled Switching Technology (1925-1975). This book highlights the research activities from the adventure of an intercity phone call in the 20's to the huge amount of data that digital electronics sends. 812 pages. 695 illus. Fine condition. Uncommon. Dust Jacket. $35.00

161. **BELL TELEPHONE LABORATORIES; A History Of Engineering & Science In The Bell System- The Early Years 1875-1925** . 1st edition, 1975. Written and edited by Bell laboratory engineers and scientists, this authoritive book discusses the underlying motivations and long term significance of the scientific and technological achievements of the Bell system during its first fifty years. Contains hundreds of photos and illustrations of early telephone apparatus. A Super Book! 1073 pages. Fine condition. Uncommon. Dust Jacket. $55.00

162. **BURROWS, A.R.; The Story of Broadcasting** . 1st edition, 1924. The story of broadcasting from its inception from the first SOS to 1924. Written by an authority from the BBC, it gives an insight into the early days, preceeded by a history of Marconi & the early pioneers. The forward is by Marconi, whose company supplied details & photos. This is the first copy we've had! 183 pages. 8 photos. Very Good condition. Rare. $35.00

163. **CLEMONS, B.J.; Wake Of The Wirelessman** . 1st edition, 1996. This book provides a first hand account into the real life & adventures of a seagoing wireless pioneer, the author's father. Interspersed throughout the book are original photos complementing the text. An excellent tale, taking one through the world of Dale Clemons, Wireless Operator of the SS Virgo during WWI. 288 pages. 60 photos. New condition. Common. Softcover. $15.00

164. **DAVIS, HARRY M AND FASSET, F.G. JR.; What You Should Know About The Signal Corps** . 1st edition, 1943. This volume presents a bird's eye view of the Signal Corps during WW II. It delves into this branch of the service, describing the duties, operation and its position in the Army. The history of the Signal Corps is covered from the use of the torch to the development of the electronic vacuum tube. Includes a nicely illustrated D/J. 214 pages. 16 illus. Very Good condition. Scarce. $45.00

165. **DUNLAP, ORRIN E.; Marconi: The Man and His Wireless** . 1st edition, 1937. Written in April 1937, (Marconi died in July 1937), making it one of two true biographies written while he was still alive. Very concise and detailed in every way about Marconi's life and achievements. 362 pages. 15 photos. Very Good condition. Scarce. $55.00

166. **EASTWOOD, ERIC; Wireless Telegraphy- The Royal Library Of Science** . 1st edition, 1974. This book presents a collection of reprints of papers given at The Royal Institution on the subject of wireless. Many important discoveries were presented there, by such noted scientists as Preece, Marconi, Fleming, Faraday and Eccles. Highlighted by many illustrations which accompanied the original papers. Scarce Title!! 391 pages. Fine condition. Scarce. $95.00

167. **GRAY, JACK; Bits of Wireless History** . 1st edition, 1969. An excellent description of the history of wireless, written by Jack Gray, a well-known radio historian and museum curator. This volume is illustrated with photos of rare wireless apparatus from his collection. It's a good companion to the Greenwood history book. 60 pages. 72 photos. Fine condition. Scarce. Softcover. $25.00

168. **GREENWOOD, HAROLD S.; A Pictorial Album of Wireless and Radio 1905 - 1928** . 1st edition, 1962. This is a nice copy of the first edition of what is now known as "Vintage Radio". This pictorial reference guide belongs on every radio collector's shelf, as it is profusely illustrated with 100's of photos of vintage wireless gear, transmitters, headphones, horns, parts, and vacuum tubes. 223 pages. 999 photos. Very Good condition. Scarce. $40.00

169. **GREGOR, ARTHUR; Bell Laboratories** . 1st edition, 1972. This book describes the history & inventions that eminated from the largest and most important laboratory in the world. The development of the transistor and picturephone are discussed, and the reader is given an intimate look inside the lab itself. Profusely illustrated, including a detailed chronology. Includes a nice dust jacket. 125 pages. Very Good condition. Scarce. $35.00

170. **HANCOCK, H.E.; Wireless at Sea: The First Fifty Years** . 1st edition, 1950. This important work covers the birth of wireless and the development of the Marconi Marine Communication Co. Published in commemoration of the 50th anniversary of the Marconi Marine Co., it contains many nice photos of wireless installations. A must for the historian. Includes a damaged dust jacket. 233 pages. 80 photos. Very Good condition. Rare. $55.00

171. **HOWETH, CAPT. L. S.; History of Communications-Electronics in the United States Navy** . 1st edition, 1963. Generally considered the leading reference on Naval wireless communication history. Presents much info on the early shipboard transmitters and receivers, and many rare photos and interesting illustrations. Exceedingly well documented, with over 1500 footnotes and references, this should be on every radio historian's bookshelf. 657 pages. Fine condition. Scarce. $95.00

172. **MACLAURIN, W. RUPERT; Invention And Innovation In The Radio Industry** . 1st edition, 1949. This book deals in part with the inventions of some of the pioneer scientists and engineers. Included is material covering the history of radio and television companies and the patents which affected their growth or demise. It is an excellent reference work, referred to by many writers. Includes a chipped dust jacket. 304 pages. Very Good condition. Scarce. Dust Jacket. $55.00

173. **MCNICOL, DONALD; Radio's Conquest Of Space** . 1st edition, 1946. This book contains a personalized history of wireless telegraphy up to and including radar, by a man who began his wireless career in 1900. The best history of radio written in the 1940's. 374 pages. 53 illus. Very Good condition. Scarce. $30.00

174. **PAWLEY, EDWARD; BBC Engineering 1922-1972** . 1st edition, 1972. A survey of the development of the BBC from it's inception in 1922. The engineer, and anyone with an interest in British broadcasting's achievements will appreciate this extra large volume containing more data than any other single source. Includes a slip: "With The Compliments of The Director-General Of The BBC" 569 pages. 32 illus. Fine condition. Scarce. Dust Jacket. $75.00

175. **RADIO CLUB OF AMERICA; 50th Anniversary Yearbook 1909-1959** . 1st edition, 1959. A history of activities and wireless pioneers active in the Radio Club Of America from 1909 to 1959. Contains many photos & articles seldom seen elsewhere, as well as a biographical sketch of its members. A must for the historian! Filled with photos of early wireless apparatus and primitive stations. 216 pages. Very Good condition. Rare. Softcover. $55.00

176. **RCA; On The Air** . 1st edition, 1935. A rare pictorial brochure published by RCA portraying the early history of radio & succeeding developments in the company. It follows Marconi's experiments, the birth of KDKA, Radio City, the Magic Brain, and even a glimse at Television as an art for the future. Very Nice!! 16 pages. 30 photos. Very Good condition. Rare. Softcover. $65.00

177. **REID, T.R.; The Chip: How Two Americans Invented the Microchip & Launched A Revolution.** . 1st edition, 1984. An enthralling chronicle of how Jack Kilby and Robert Noyce hit upon a new idea which changed our daily life, and spawned a multibillion- dollar global industry, launching the "Second Industrial Revolution". This book explains the evolution of micro-electronics, from the Edison effect bulb to the microprocessor. Includes many biblio notes. X-Lib. 243 pages. 16 photos. Very Good condition. Scarce. Dust Jacket. $40.00

178. **SCHUBERT, PAUL; The Electric Word: The Rise Of Radio** . 1st edition, 1928. A narrative of the rise of radio from the discovery of Hertzian waves to its position of eminence in 1928. Principally concerned with the practical use of radio as a system of communication, adequate attention is also given to its scientific aspects. Includes a nicely illustrated dust jacket. 311 pages. Very Good condition. Scarce. $45.00

179. **SETTEL, IRVING; A Pictorial History of Radio** . 2nd edition, 1967. A profusely illustrated volume belonging on every collector's bookshelf. The complete story of radio broadcasting in America from the electric telegraph to crystal sets and on to the 1950's. This includes all of the stars and great shows of Radio's Golden Age. Covered by a nicely illustrated dust jacket. 188 pages. 450 photos. Very Good condition. Uncommon. $20.00

180. **SIEVERS, MAURICE L.; Crystal Clear: Vintage American Crystal Sets and Crystal Detectors** . 1st edition, 1991. The first word, the last word, and everything in between regarding American crystal sets, detectors and crystals. Written by a lover and collector, Crystal Clear presents a history both written and through photos of common, rare, and unusual crystal sets. The most comprehensive reference on the subject, it is now out of print. 282 pages. 750 illus. Fine condition. Common. Softcover. $35.00

181. **SIEVERS, MAURICE L.; Crystal Clear: Vintage American Crystal Sets and Crystal Detectors Volume 2** . 1st edition, 1995. The first word, the last word, and everything in between regarding American crystal sets, detectors and crystals. Written by a radio lover and collector, Crystal Clear presents a history both written and through photos of common, rare, and unusual crystal sets. The most accurate & comprehensive reference book on Crystal sets. All new Info! 252 pages. 350 photos. 160 illus. New condition. Common. Softcover. $25.00

182. **WANDER, TIM; 2MT Writtle: The Birth Of British Broadcasting** . 1st edition, 1988. This book charts the struggle to achieve a broadcasting service in England- from the famous broadcast of Dame Nellie Melba in Chelmsford, through Writtle's sparkling success to the birth of the BBC. Included are separate historical/technical appendices on the Chelmsford and 2LO stations and biographies on early pioneers. Mostly pre-1923 history. 179 pages. 58 photos. Fine condition. Uncommon. Dust Jacket.$20.00

JUVENILE

183. **CHAPMAN, ALLEN; The Radio Boys At The Sending Station** . 1st edition, 1922. This captivating story gives many details concerning the early days of radio, like running the Radiophone Sending station in order to save some shipwreck victims! This copy has its original colorful dust jacket, with a little wear along the spine. 220 pages. Very Good condition. Scarce. Dust Jacket. $35.00

Juvenile

184. **DUFFIELD, J. W.; Bert Wilson, Wireless Operator** . 2nd edition, 1924. A famous juvenile series book, that includes the scarce dust jacket. The spine of the dust jacket is damaged with about 40% loss, but the rest of the dust jacket is perfect and wonderfully illustrated! 220 pages. Very Good condition. Scarce. $45.00

185. **OTIS, JAMES; Telegraph Tom's Venture** . 1st edition, 1899. An early telegraph fiction depicting the exploits of "Telegraph Tom". The front cover has a nice embossed color illustration of Tom up on a telegraph pole. 228 pages. Good + condition. Rare. $30.00

LIGHT BULBS

186. **ATKINSON, PHILIP; The Elements of Electric Lighting** . 7th edition, 1892. An early book on the subject, presenting much information on electric units, dynamos, arc lamps, incandescent lamps, measuring devices, etc. Contains many illustrations of early electrical apparatus. 259 pages. 102 illus. Very Good condition. Scarce. $35.00

187. **BRIGHT, ARTHUR R. JR.; The Electric Lamp Industry** . 1st edition, 1949. This is an in-depth study of the economic and historical development of the electric lamp industry. It covers the first scientific demonstrations shortly after 1800 to the end of World War II. Includes an extensive 6 page bibliography. The ultimate book on the subject. Includes a nice dust jacket. 526 pages. 42 illus. Fine condition. Scarce. $55.00

188. **COX, JAMES A.; A Century Of Light** . 1st edition, 1979. The story of Edison and his invention of the incandescent light bulb. Profusely illustrated with many historical photos, including 44 in color. This was written expressly for the 100th anniversary of the discovery of electric light and includes a colorful dust jacket. 224 pages. 245 photos. Fine condition. Uncommon. $20.00

189. **EDISON LAMP WORKS; A Handbook On Incandescent Lamp Illumination** . 1st edition, 1916. This pocket sized handbook provides a wealth of information on Edison Mazda lamps, their installation & maintenance. Diagrams enhance the text, which includes lamps & their data, illumination calculation and a variety of lighting applications. The covers are leather and the for edges are gilt. 212 pages. 32 illus. Good + condition. Scarce. $35.00

190. **HERING, CARL; Universal Wiring Computer** . 1st edition, 1891. This book was used as a wiring computer for determining the size of wires for incandescent lamp leads, along with notes and charts on electrical wiring. 44 pages. 5 illus. Very Good condition. Rare. $25.00

191. **POPE, FRANKLIN LEONARD; Evolution of the Electric Incandescent Lamp** . 1st edition, 1889. The first book written on the history of the electric light, it includes the early work of Sawyer and Man, and Edison, & describes the commercial uses of the incandescent lamp. A must for every lamp collector's bookshelf. Ex-Library, the cover is worn at the extremeties 91 pages. 20 illus. Good condition. Rare. $65.00

192. **SCHROEDER, HENRY; History of Electric Light** . 1st edition, 1923. The development of electric lighting prior to, and just after Edison's invention, and the generators involved in producing the electricity needed. Profusely illustrated with many rare photos of light bulbs and sockets. The spine is slightly chipped, otherwise this is a nice copy of a rarely seen title. 95 pages. 95 illus. Very Good condition. Very Rare. Softcover. $95.00

193. **SWAN, M.E. AND K.R.; Sir Joseph Wilson Swan F.R.S.** . 1st edition, 1929. An important memoir about the inventor of the incandescent lamp- yes he did beat Edison!! His life story is narrated progressively and accompanied by personal photos. A must for the historian of electric lamps, it includes a rarely seen dust jacket. This is a presentation copy: "With The Author's Compliments, May 1941"! 183 pages. 6 photos. Fine condition. Scarce. $85.00

194. **URQUHART, JOHN W.; Electric Light** . 2nd edition, 1883. A rare second edition of this early treatise on electric light. Covered in detail are electric machines, batteries, and accumulators. Experiments of electromagneto machines, dynamos, arc lamps, and incandescent lamps are described and well-illustrated. An very nice copy of a hard to find book! 333 pages. 128 illus. Very Good condition. Rare. $125.00

MEDICAL ELECTRICITY

195. **BARTHOLOW, ROBERTS; Medical Electricity** . 2nd edition, 1882. The exposition of electricity for medical purposes written by a practioner for use by other practioners and students. Contains many illustrations of rarely seen electrical apparatus. At the rear of the book is a 32 page medical catalog. A great book! 291 pages. 109 illus. Very Good condition. Rare. $115.00

196. **BURDICK, GORDON G.; X-Ray and High Frequency In Medicine** . 1st edition, 1909. The physics of the X-Ray are discussed in detail, with many illustrations showing the various apparatus. X-Ray therapy is included in the next section of the book, with many photos of diseases in their various stages of growth. The last part of the book covers the theory and applications of high-frequency current. 1st copy we've had! 318 pages. 72 illus. Good + condition. Rare. $125.00

197. **GROVER, BURTON B.; High Frequency Practice** . 5th edition, 1929. This book attempts to grant a more scientific approach to the use of electricity in the medical field. Numerous illustrations of neat apparatus demonstrate the applications of high frequency therapy and emphasize the equipment used. 632 pages. 86 illus. Very Good condition. Scarce. $45.00

198. **HOLZER, WOLFGANG AND WEISSENBERG; Foundations of Short Wave Therapy** . 1st edition, 1935. This is an introduction to the physio-technical principles and medical applications of short electric waves for physicians. A section is devoted to medical applications, and the variety of case histories seem a bit outrageous, but who knows? Contains an extensive bibliography with 244 entries. 228 pages. 53 illus. Very Good condition. Rare. $45.00

199. **HOUSTON, EDWIN J. AND KENNELLY, A.E.; Electricity In Electro-Therapeutics** . 2nd edition, 1903. A rarely seen title on medical electricity written by well known authors. Contains many drawings and half tones of early apparatus including X-Ray tubes, static machines and induction coils. About 50 pages are dedicated to the X-Ray. 452 pages. 147 illus. Good + condition. Rare. $145.00

200. **MARTIN, J.M.; Practical Electro-Therapeutics and X-Ray Therapy** . 1st edition, 1912. A wonderful book that covers all areas of electro-therapeutics and includes many illustrations and photos of early high voltage apparatus such as the wimshust machine, oudin coil, induction coils, wall plates, X-Ray tubes & many other neat looking sparky stuff! 446 pages. 218 illus. Very Good condition. Rare. $125.00

201. **MASSEY, G. BRETTON; Practical Electro-Therapeutics and Diathermy** . 1st edition, 1924. This book covers the subject in strong detail, from methods of production of electricity to the practical use in therapy. Included are many photos of early apparatus & its use on the unlucky patients! The top of the spine is a bit worn. 401 pages. 157 illus. Good + condition. Rare. $85.00

202. **RICE, MAY CUSHMAN; Electricity In Gynecology** . 3rd edition, 1915. This is a concise volume on the application of electricity in the treatment of diseases and the physiological action and therapeutic application to the diseases of women. This is the first copy we've had for sale! 159 pages. 21 illus. Very Good condition. Rare. $55.00

203. **TURNER, DAWSON; A Manual of Practical Medical Electricity, The Rontgen Rays and Finsen Light** . 3rd edition, 1902. From Wimshurst machines to Rontgen Rays, this manual has it all. A multitude of illustrations show early apparatus. An early book on the subject, large sections are devoted to electrotherapy, Finsen Light (Ultra-Violet Rays) and X-Ray. 396 pages. 168 illus. Good + condition. Rare. $115.00

204. **WELLS, S.M.; The Electropathic Guide** . 8th edition, 1886. This was written for home practice use containing hints for the care of the sick, and treatment of disease by the use of electricity. Full directions are given for treating over 100 diseases. It was originally intended as a promotion for sale of the authors' equipment and services. 98 pages. Good + condition. Scarce. $45.00

MOTORS/DYNAMOS

205. **BOTTONE, S.R.; The Dynamo** . 1st edition, 1884. This early book describes how dynamos are made and how they were used. Details are given on constructing your own dynamo! First copy of this title we've had. 73 pages. 39 illus. Good + condition. Rare. $35.00

206. **CROFTS, ALFRED; How To Make A Dynamo: A Practical Treatise For Amateurs** . 2nd edition, 1889. This book contains numerous illustrations and detailed instructions for constructing a small dynamo "to produce the electric light". From the castings to the windings, it's all explained in this volume. 102 pages. 33 illus. Good condition. Rare. $25.00

207. **CROSBY, OSCAR T. AND BELL, LOUIS; The Electric Railway in Theory and Practice** . 1st edition, 1892. This important treatise presents the general history, theory, equipment and general features involved in the early electric railway design. Primitive traction motors are covered indepth, as well as the line and even the station is discussed. This is the first copy we've had for sale. 400 pages. 179 illus. Good + condition. Rare. $55.00

208. **HERING, CARL; Principles of Dynamo-Electric Machines** . 1st edition, 1890. An excellent treatise on the principles of the dynamo. This early work contains information for use in building, using and repairing dynamos in a concise and simple form. 279 pages. Good + condition. Scarce. $35.00

209. **HORSTMANN, HENRY C. AND TOUSLEY, VICTOR H.; Dynamo Tending For Engineers** . 1st edition, 1904. This book not only covers dynamos, but also includes arc lamps, and many different types of meters such as the T-H wattmeter etc.. The cover is nicely embossed with an illustration of an early dynamo. 207 pages. 110 illus. Very Good condition. Scarce. $30.00

210. **WESTINGHOUSE ELECTRIC COMPANY; Handbook of Westinghouse Watthour Meters** . 1st edition, 1923. This book provides complete technical information on Westinghouse Watthour Meters, highlighting the historical development of the induction watthour meter. Many photos of early meters are shown, including the Edison Chemical meter. 139 pages. 227 illus. Very Good condition. Scarce. $30.00

211. **WOOD, W.S.; Theory of Electrical Machines** . 1st edition, 1958. This is a comprehensive treatment of synchronous, inductor, AC & DC motors and generators. Contains an in-depth study of all types of related circuits as well. 317 pages. 89 illus. Very Good condition. Scarce. $15.00

MOTION PICTURES

212. **FRANKLIN, HAROLD B.; Sound Motion Pictures- From The Laboratory To Their Presentation** . 1st edition, 1929. This book was written by the president of Fox West Coast Theaters and is stamped: "FOX STUDIO LIBRARY". The first 34 pages include a historical survey of the art, while the rest of the book covers state of the art equipment such as the RCA Photophone, and the advent of television. A wonderful book with great provenance! 401 pages. 11 photos. Good + condition. Very Rare. $145.00

213. **TALBOT, FREDERICK A.; Moving Pictures** . 2nd edition, 1923. An early account of motion pictures, including a detailed history. The author also discusses the stage, trick pictures, color cinematography, and even the talkies! Includes many photos showing early moving picture apparatus. The cover has a couple of stains. 429 pages. 149 photos. 46 illus. Good + condition. Rare. $55.00

MISCELLANEOUS

214. **BAUMAN, EDWARD; Applications of Neon Lamps and Gas Discharge Tubes** . 1st edition, 1966. This book discusses a wide variety of application data for neon glow lamps which perform specific functions in electronic circuitry. Includes circuit designs using neon glow lamps as timers, switches, oscillators and voltage regulators. 160 pages. 148 illus. Very Good condition. Uncommon. Dust Jacket. $30.00

215. **LECK, J.H.; Pressure Measurement In Vacuum Systems** . 1st edition, 1957. Possibly the first book written exclusively on the subject, it provides a comprehensive treatment. It covers a variety of gauges, including thermal, conductivity, ionization & knudsen as well as calibration techniques. 144 pages. 92 illus. Very Good condition. Scarce. Dust Jacket. $25.00

216. **LODGE, SIR OLIVER; Reason and Belief** . 11th edition, 1929. Lodge's personal outlook on the New Testament. In this book he deals with the subject of incarnation in general, and furnishes hints and suggestions for effective understanding of the Old Testament in the light of the Doctrine of Evolution. 212 pages. Very Good condition. Scarce. Dust Jacket. $15.00

217. **MEAD, DANIEL W.; Water Power Engineering** . 2nd edition, 1920. This extensive volume covers the theory and development of water power. It includes the history, operation of water wheels & turbine wheels, governors and a variety of power plants. The many diagrams and graphs & hydrographs as well as a bibliography on dam construction combine to provide an extensive treatment of the subject. 843 pages. 430 illus. Very Good condition. Rare. $30.00

218. **ROSENFELD, SAM; Scientific Magic** . 1st edition, 1959. This book explains some of the best & easiest magic tricks, along with a scientific explanation of the same. A neat and unusual integration of science & magic! 144 pages. 89 illus. Very Good condition. Scarce. $15.00

219. **SHENSTONE, W.A.; The Methods of Glassblowing** . 1st edition, 1918. Everything that a novice needs to know about the art of glass blowing is presented here in a concise & easy-to-follow form. Many illustrations complement the text. 98 pages. 42 illus. Good + condition. Rare. $35.00

220. **TYNDALL, JOHN; Lectures In America** . 1st edition, 1873. This volume comprises 5 lectures from the 1870's on early scientific experimentation emphasizing sound and light, but also including crystalization & crystals and radiation & flourescence. Ex- Library. 194 pages. 28 illus. Good + condition. Rare. $35.00

221. **WURLITZER, LEONIE; Wurlitzer Centennial Cook Book** . 1st edition, 1956. This cookbook serves as a commemoration of The Wurlitzer Co's century of musical achievement, 1856 - 1956. The cover is nicely embossed and is in perfect condition. This cook book is the result of Leonie and Marguerite Wurlitzer gathering up their choicest recipes in 1925 and publishing them for their family and friends. 172 pages. Very Good condition. Scarce. $25.00

PHONOGRAPH

222. **JEWELL, BRIAN; Veteran Talking Machines** . 1st edition, 1977. A wonderful history of the phonograph including an extensive list of the inventors and manufacturers, as well as hundreds of photos from the E.M.I. historical collection. An indispensable reference for collectors and historians. 128 pages. 325 photos. Fine condition. Uncommon. $25.00

223. **NATIONAL PHONOGRAPH CO.; The Phonograph And How To Use It** . 1st edition, 1900. A super book for the phonograph collector, this includes a history of its invention and development, as well as a complete discription of many machines, such as the Gem, Concert, "M" & " E" Electric, the "H" & "M" coin slot etc. Profusely illus.. The covers are dirty and the front blank endpaper has the owner's name & address written in pencil. 181 pages. Good condition. Rare. $95.00

POST 1930 RADIO

224. **(MCGRAW-HILL SERIES) KRAUSE, JOHN D.; Electromagnetics** . 1st edition, 1953. This book presents the basic principles of electromagnetic theory with equal emphasis on the various branches with applications in such diverse areas as electronics, power, radiation and propagation. It contains hundreds of diagrams and illustrations as well as an extensive bibliography. 604 pages. Very Good condition. Scarce. $40.00

225. **(TRADE CATALOG); 1938 Zenith Distributor's Catalog** . 1st edition, 1938. The rarely seen Zenith distibutor's catalog pictures all the sets from 1938 and describes them fully. This is a high quality reprint of an exceedingly rare catalog printed for district representitives demonstrating the 1938 line of radios. The Stratosphere is pictured with many unusual models & advertising plans. Limited to 100 copies! 170 pages. Fine condition. Uncommon. Softcover. $20.00

226. **ATTURA, GEORGE M.; Magnetic Amplifier Engineering** . 1st edition, 1959. This book is a treatise on basic magnetic amplifier theory for electrical engineers. It contains a basic theoretical approach to the design of magnetic amplifiers, and discusses the saturable reactor & the reactor-rectifier amplifier. They are compared to vacuum tube & transistor versions in the same applications. 220 pages. 129 illus. Very Good condition. Scarce. $20.00

227. **CAMM, F.J.; Everyman's Wireless Book** . 10th edition, 1948. A well known book, consulted by the listener, expert and amateur constructor. It explains the operation, upkeep and overhaul of all types of wireless receivers, with special chapters on the principles of radio telephony, installation, and systematic fault-finding. 295 pages. 224 illus. Good + condition. Scarce. $15.00

228. **COCKING, W.T.; Wireless Servicing Manual** . 10th edition, 1963. This is a very helpful book covering all phases of radio servicing including the troubleshooting of complicated circuits, especially those found in short wave and VHF equipment. The use of the oscilloscope in radio repair work is also discussed. 286 pages. 139 illus. Very Good condition. Scarce. $15.00

229. **DOWSETT, H. M. AND WALKER, L.E.Q.; Handbook Of Technical Instruction For Wireless Telegraphists** . 7th edition, 1942. A complete textbook providing theory, and practical information on all types of transmitters and receivers. Profusely illustrated, this volume covers many specific receivers; RDF equipment, and transmitters including unusual Marconi Co. sets. The front blank endpaper is missing. 664 pages. 618 illus. Very Good condition. Scarce. $30.00

230. **FRYE, JOHN T.; Basic Radio Course** . 1st edition, 1957. This great book covers radio from antenna to speaker, in a style that is easy for anyone to learn radio theory and servicing. There is no use of mathematics, so this should appeal to anyone wanting to know how radio receivers work. 175 pages. 164 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

231. **GHIRARDI, ALFRED A.; Modern Radio Servicing** . 1st edition, 1935. This is THE service manual for the radio recievers of the 1930's and 40's. This is simply the best book written on troubleshooting and repairing AC sets. If you want to repair radio's from the 1930's & 40's, this is the book for you! 1318 pages. 706 illus. Good + condition. Uncommon. $35.00

232. **GHIRARDI, ALFRED AND JOHNSON, J. RICHARD; Radio & Television Receiver Troubleshooting and Repair** . 1st edition, 1952. The primary purpose of this well-written book is to supply all of the knowledge in a carefully planned, coordinated course of practical servicing instruction that will readily help the reader to acquire the information and skills to properly repair radios and televisions. This is the best text for repairing- I should know, this is the one I used! 822 pages. 498 illus. Very Good condition. Uncommon. $30.00

233. **GLASGOW, R.S.; Principles of Radio Engineering** . 1st edition, 1936. This volume presents the fundamentals of radio communication, and their applications. One of the McGraw-Hill textbooks, it provides a thorough treatment of audio amplifiers, vacuum tubes, detectors and antenna systems. 520 pages. 344 illus. Very Good condition. Scarce. $20.00

234. **HUND, AUGUST; High-Frequency Measurements** . 2nd edition, 1951. This book deals with experimental work in high-freqency phenomena applied to measurements, including antennas and wave propagation. This copy is in beautiful condition! 676 pages. 417 illus. Very Good condition. Common. $15.00

235. **MARCUS AND LEVY; Elements of Radio Servicing** . 1st edition, 1947. A dynamic overview of basic radio servicing practices, specifically restricted to the superheterodyne. Its various stages are analyzed and remedies given, using simple, practical advice. Many drawings accent the text. One of the best all-around titles on radio repairing. 475 pages. 397 illus. Good + condition. Uncommon. $20.00

236. **MARKUS, JOHN; Television and Radio Repairing** . 2nd edition, 1961. This volume was written by the feature editor of "Electronics" magazine, considered an expert in his field. Covers all areas of radio troubleshooting with a minimum of theory and mathematics, containing simple step-by-step instructions for testing, repairing and replacing of parts. The cover is a little worn. 568 pages. 287 illus. Good + condition. Uncommon. $20.00

237. **MORGAN, ALFRED; The Boys' Third Book Of Radio And Electronics** . 1st edition, 1962. This book contains information about the nature of electricity, electronic circuits, electron tubes, transistors, radio communications , amplifiers, and electromagnetic waves. The author gives clear, detailed instructions on how to build and operate four separate radio receivers, as well as a sound system and intercom. Ex-library. 277 pages. 200 illus. Good + condition. Uncommon. Dust Jacket. $20.00

238. **PLATT, SIDNEY; Magnetic Amplifiers: Theory and Application** . 1st edition, 1960. A practical, descriptive treatment covering the history, fundamentals and commercial & industrial uses of magnetic amplifiers. A description of the theory, operation, and application of saturable reactors and magnetic amplifiers in both non-feedback and feedback cases are included. 3 pages contain crayon marks. 238 pages. 195 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

239. **POPULAR SCIENCE STAFF; Radio For The Millions** . 1st edition, 1945. This profusely illustrated book was written with the radio builder in mind. It provides complete instructions for building more than 87 radio receivers, radio phonographs and home recorders, from a simple one tube set to a highly efficient 8-tube FM receiver. More than 100 wiring diagrams and 450 illustrations show every step of construction 192 pages. Good condition. Uncommon. $15.00

240. **RCA ENGINEERS; Radio at Ultra-High Frequencies** . 1st edition, 1940. This volume contains technical papers written by RCA engineers on propagation, transmission, relaying, measurement, and reception above 30 MHZ. One of the first books dedicated to the world of UHF. Includes many photos and illus. of VHF equipment. 448 pages. Very Good condition. Uncommon. Softcover. $20.00

241. **RIDER, JOHN F.; Servicing Receivers By Means of Resistance Measurement** . 1st edition, 1932. This book is intended to give the service technician a different type of service analysis to perform on radio receivers. It uses resistance measurement as the primary test in the various circuits found in early AC radios. 203 pages. 94 illus. Good + condition. Uncommon. $15.00

242. **SAMS, HOWARD W.; Radio Industry Red Book** . 1st edition, 1948. The first edition of the red book, a replacement parts buyer's guide. This edition shows the 1938 to 1948 radio receivers in a single volume, giving instant reliable data on major replacement parts used during the ten year period. Covers tubes, transformers, IF coils, speakers, controls, vibrators etc.. NEAT!! 448 pages. Very Good condition. Rare. Softcover. $45.00

243. **SARBACHER, ROBERT I. & EDSON, WILLIAM; Hyper And Ultra-High Frequency Engineering** . 1st edition, 1944. This book is intended for senior students of electrical engineering. Beginning with a review of electricity & magnetism, Maxwell's equations are expounded, leading then into wave propagation, oscillation & amplification. Includes an extensive bibliography. 644 pages. Very Good condition. Uncommon. $15.00

244. **STERLING, GEORGE E.; The Radio Manual** . 3rd edition, 1941. Profusely illustrated, including many photos of early commercial transmitting and receiving equipment. This book specializes in both aeronautical and maritime electronics such as radio direction finders and auto alarms. 1120 pages. 348 illus. Good + condition. Uncommon. $20.00

245. **STRICHARTZ, M. H.; Marine Radio Manual** . 1st edition, 1946. Written during WWII, this book covers every area of shipboard wireless communication including auto-alarms and radio direction finders. Many different commercial transmitters and receivers are well described. Includes a partial dust jacket. 518 pages. 33 illus. Very Good condition. Scarce. $20.00

246. **STURLEY, K.R.; Radio Receiver Design** . 1st edition, 1947. In two volumes, this set contains the fundamentals of radio design from tubes to intricate circuits, recommending a sound basis of mathematical theory. This material is the result of lectures given at Marconi's School of Wireless Communication. An excellent bibliography is included at the end of each chapter. Vol. 1 has it's dust jacket! 910 pages. 489 illus. Very Good condition. Rare. $55.00

247. **WOODBURY, DAVID O.; Battlefronts of Industry- Westinghouse In WWII** . 1st edition, 1948. The story of Westinghouse's part in WWII, whose involvement played a key role. David Woodbury entertains the reader with the close account of industrial development of weapons systems, radar, nylon, and even the atomic bomb. The first copy we've had, from the Broadcast Pioneers Library. 342 pages. 45 photos. Very Good condition. Rare. $45.00

248. **ZEPLER, E. E.; The Technique of Radio Design** . 2nd edition, 1949. Drawing on his experiences from many years of radio designing, the author focuses on the regular problems encountered with development and testing of radio receiving equipment. All areas of receiver design are covered, including amplifiers, selectivity, feedback, distortion, and measurements. 394 pages. 283 illus. Very Good condition. Scarce. $20.00

PHYSICS

249. **BRUNNGRABER, RUDOLF; Radium** . 1st edition, 1937. One of the earliest novels on radium giving a romantic account of possible events which might follow its discovery. Written just prior to World War II, it foreshadowed the things to come. 480 pages. Very Good condition. Scarce. $15.00

250. **DOLBEAR, A.E.; Matter, Ether And Motion** . 2nd edition, 1894. Written by the famous author of "The Telephone", this volume explores various properties of the ether and its relationship to electricity & the physical elements. Fine illustrations of early apparatus complement the text. The top of the spine is worn. 407 pages. 35 illus. Good + condition. Scarce. $55.00

251. **LENGYEL, BELA A.; Lasers** . 1st edition, 1964. This a nice copy of the fourth printing of the book. The purpose of th is book is to introduce the principles of the laser art and some of its achievements to students, scientists and engineers. Includes a nice dust jacket as well as an extensive bibliography. 125 pages. 38 illus. Very Good condition. Scarce. $20.00

252. **THOMSON, SIR J.J.; Rays Of Positive Electricity** . 1st edition, 1913. A presentation of the recent experiments on the nature of positive rays & their deflection by electric and magnetic forces. An important work including many photos of cathode ray effects. There are a couple of slight stains at the top of the cover. 132 pages. 50 illus. Very Good condition. Rare. $115.00

RADAR

253. **FINK, DONALD G.; Radar Engineering** . 1st edition, 1947. This book covers the theory and practice of radar technology describing various radar systems developed and used during the World War II. It also explains in technical detail the design of specific apparatus used in radar equipment. 644 pages. 471 illus. Good + condition. Uncommon. $45.00

254. **HARVEY, A.F.; High Frequency Thermionic Tubes** . 1st edition, 1943. This book gives an account of the properties and relationships to circuits of thermionic tubes in use for high frequency applications. The magnetron is discussed in detail, as well as the klystron and other related tubes. Includes a detailed bibliography at the end of chapter. An important work used in the development of radar. 235 pages. 99 illus. Very Good condition. Scarce. Dust Jacket. $45.00

255. **KRAUSE, JOHN; The Big Ear** . 1st edition, 1976. Written by a pioneer radio astronomer, Big Ear is about the Ohio Telescope, which has logged more hours in its search for extraterrestrial signals than any other radiotelescope in the western hemisphere. 228 pages. 50 photos. Very Good condition. Uncommon. Softcover. $15.00

256. **M.I.T.; Principles Of Radar** . 3rd edition, 1952. The first post-war volume of this monumental work on Radar, it was also the first published textbook of its kind, as the 1st edition was distributed in separate training courses. This book covers everything known on radar up to that time. 985 pages. 900 illus. Very Good condition. Uncommon. $25.00

257. **RIDER, JOHN F AND ROWE, G.C. BAXTER; Radar- What It Is** . 1st edition, 1946. Published directly following the war, this book gave the public a basic understanding of radar along with the essential parts of a radar system. Both writers served in WW II, in the signal service and worked with the SCR-268 & SCR-270, both of which are described. There is some underlining in pencil. 72 pages. 62 illus. Very Good condition. Scarce. Softcover. $25.00

258. **ROSS, FRANK JR.; Radar and Other Electronic Inventions** . 1st edition, 1954. The historical development of radar is presented here, followed by other electronic inventions such as closed-circuit TV, the electron microscope and computer. An excellent view of the rapid advances during the 1950's. Ex-Library 244 pages. 218 photos. Good + condition. Uncommon. $15.00

259. **RUBIN, MAURICE; Radar- The Electronic Eye** . 1st edition, 1963. A non-mathematical straightforward account of the invention which won WWII. The author explains components, circuits and operation of radar in a detailed but easily understood format. This is the first copy we've seen of this excellent book! 330 pages. 139 illus. Very Good condition. Scarce. $25.00

260. **SNELL, ROY J.; Secrets Of Radar** . 1st edition, 1944. This is obviously the first fiction on the subject of radar, as it was published during World War II. It's been getting hard to come across this title lately. 243 pages. Very Good condition. Scarce. $30.00

261. **STAFF OF RADIO RESEARCH LABORATORY- HARVARD UNIVERSITY; Very High Frequency Techniques** . 1st edition, 1947. Contained in two volumes, this rarely seen set is the end result of Harvard's research during WWII into developing countermeasures against enemy Radar, and improvements for our own VHF applications. These volumes were organized and prepared by Dr. F.E. Terman. This is the nicest set we've ever come across! 1057 pages. Very Good condition. Rare. $75.00

262. **WATSON-WATT, SIR ROBERT; The Pulse Of Radar** . 1st edition, 1959. This is the autobiography of Sir Watson-Watt, one of the inventors of radar. Here he recounts how he experimented through a veil of secrecy during WWII, and succeeded in producing the first radar stations. 438 pages. Very Good condition. Scarce. $45.00

SOUND/AUDIO

263. **BRIGGS, G.A.; Loudspeakers** . 3rd edition, 1950. An excellent reference book containing the problems of design and performance of loudspeakers and enclosures. Separate chapters are devoted to the development of loudspeakers and loudspeaker life and efficiency. 88 pages. 36 illus. Very Good condition. Uncommon. $30.00

264. **BURROUGHS, LOU; Microphones: Design and Application** . 1st edition, 1974. A thorough treatment of the world of microphones, with an emphasis on application, written for both the engineer and the novice. It covers the whole field of microphone design including theory, physical limitations, electro-acoustic limitations, maintenance and associated equipment. Chock full of diagrams and illustrations. 260 pages. Very Good condition. Scarce. Softcover. $35.00

265. **CAMERON, JAMES R.; Servicing Sound Equipment** . 6th edition, 1945. This book is intended for those constructing, operating or servicing sound reproducing equipment, including motion picture, radio and public address systems. All areas of servicing are covered, as well as many specific pieces of vintage audio equipment. Includes a nicely illustrated dust jacket. 726 pages. 573 illus. Very Good condition. Scarce. $45.00

266. **CROWHURST, NORMAN H. AND COOPER, GEORGE F.; High Fidelity Circuit Design** . 1st edition, 1956. This book incorporates the best audio amplifier design ideas from two of the foremost engineers and designers of high-fidelity equipment. Chapters include negative & positive feedback, power supplies, high power amplifiers, filters, equalizers and advanced techniques. Test equipment & methods are also covered in depth, as well as distortion. 303 pages. 210 illus. Fine condition. Rare. $95.00

267. **FITCH, CLYDE J.; How To Build Modern Loud Speakers** . 1st edition, 1928. Probably the first serious book on the subject, it contains full information for building and operating the latest types of loudspeakers, written by the most eminent acoustical authorities of the time. Includes many radical designs, from a 3-foot cone to one concealed in a bird cage! 64 pages. 100 illus. Good + condition. Rare. Softcover. $45.00

268. **GERNSBACK LIBRARY; Amplifier Builder's Guide** . 1st edition, 1947. Prepared by the editors of Radio Electronics, this book includes the theory and applications of power amplifiers as well as construction details for a number of different audio amps. 64 pages. 55 illus. Very Good condition. Uncommon. Softcover. $35.00

269. **GREENLEES, A.E.; The Amplification and Distribution Of Sound** . 3rd edition, 1954. The standard textbook on sound reinforcement, details are provided on transformer design, decibel calculations, and amplifier performance tests. Microphone and loudspeaker location, power requirements, distribution lines, fault location, matching & acoustics are explored in various chapters. Includes a nice dust jacket. 300 pages. 114 illus. Very Good condition. Scarce. $55.00

270. **HARDING, LLOYD E.; Simplified Servicing of Sound Equipment** . 1st edition, 1932. This was written by the former Chief of the Sound Picture Section of RCA Institutes. It covers the various basics in troubleshooting & repair. One chapter concentrates on Western Electric Amplifiers as well as 5 additional chapters on WE systems. The Photophone is also explored in depth. 215 pages. Very Good condition. Scarce. $20.00

271. **HARTLEY, H.A.; Audio Design Handbook** . 1st edition, 1958. An excellent book for the design and building of preamplifiers and power amplifiers. Complete details and tube specs are included for the amplifier of your choice. An in-depth chapter demonstrates measurements and testing using the oscilloscope. Highly Recommended! 224 pages. 95 illus. Very Good condition. Scarce. Softcover. $75.00

272. **HOEFLER, DONALD CARL; Basic Audio Course** . 1st edition, 1955. This classic book covers fundamental audio concepts, including microphones, equalizers, amplifiers, speakers, enclosures and sound recording. A very nice copy with little wear. 223 pages. 195 illus. Good + condition. Scarce. $35.00

273. **HOROWITZ, MANNIE; Troubleshooting Audio Equipment** . 3rd edition, 1969. This book takes you through an audio amplifier system, stage by stage and gives typical circuits & variations. The purpose of each stage is discussed in detail, together with abnormal operation and it's causes. One chapter is devoted to test instruments & measurements. Both tube type equipment & early transistor circuits are included. Cover stained 160 pages. 21 illus. Good + condition. Scarce. Softcover. $30.00

274. **LANDEE, ROBERT W.; DAVIS, DONOVAN C.; & ALBRECHT, ALBERT P.; Electronic Designers' Handbook** . 1st edition, 1957. In this single volume, you have the theoretical and mathematical concepts of electronic circuit design, plus detailed and comprehensive design information and techniques. Included are all the necessary graphical and tabular data needed to carry out the design function, with many examples throughout on the design of amplifier circuits 1016 pages. 982 illus. Fine condition. Scarce. $45.00

275. **LANGHAM, JAMES R.; High Fidelity Techniques** . 1st edition, 1950. A guide to Hi-Fi for those who wish to get involved in audio. This book demonstrates how to achieve top performance from your equipment, encompassing such areas as distortion, speakers, power amplifiers and amplifier design. 112 pages. 45 illus. Very Good condition. Scarce. Softcover. $15.00

276. **MCLACHLAN, N.W.; The New Acoustics** . 1st edition, 1936. A survey of new improvements in acoustical engineering. The development of microphones and loudspeakers are discussed, as well as talking pictures and the analysis & measurement of sounds. Includes many photos of early apparatus. From The Magnavox Company Library. 166 pages. 100 illus. Very Good condition. Scarce. $45.00

277. **OLSON, HARRY F.; Acoustical Engineering** . 1st edition, 1957. Originally published in 1940 as Elements Of Acoustical Engineering, this volume adds a couple of chapters on complete sound reproducing systems. Olson expands upon his original illustrations augmenting a stylized version of the fundamentals in the acoustic field. From the Associated Missile Products Library. 718 pages. Very Good condition. Scarce. $95.00

278. **ORINGEL, ROBERT S.; Audio Control Handbook For Radio and TV Broadcasting** . 2nd edition, 1963. This book presents a clear and comprehensible description of audio control equipment and operation. Many diagrams and photographs supplement the text, clarifying points that might otherwise be obscure. Contains many great photos of early professional equipment, such as control boards, microphones and studios. 145 pages. 126 illus. Very Good condition. Scarce. $45.00

279. **READ, OLIVER; The Recording And Reproduction Of Sound** . 1st edition, 1949. The first complete book on all phases of sound. It begins with a nice history, and a study of sound waves. It includes a full discussion of recording methods, and the equipment involved. Microphones, pickups, amplifiers, loudspeakers, and LP records are fully discussed and illustrated. Page 5 has a slight stain. 364 pages. 256 illus. Very Good condition. Scarce. Dust Jacket. $45.00

280. **ROBIN, CHRISTOPHER; Improving Performance Of Your Audio System** . 1st edition, 1979. A comprehensive guide to audio systems containing innovative methods most effective for both home and professional audio use. This handbook is full of detailed, step by step guidelines for analyzing and improving sound reproduction. Includes many performance tests and measurements applicable to today's ultimate audio systems. 237 pages. 182 illus. Fine condition. Uncommon. Dust Jacket. $15.00

281. **SCHURE, ALEXANDER; Low-Frequency Amplifiers** . 1st edition, 1959. Published by John F. Rider, this book covers the principles of audio frequency amplification, including fundamental amplifier considerations, voltage amplifiers, single ended and push-pull power amplifiers. The last chapter defines the principles of transistor amplifiers. 79 pages. 38 illus. Very Good condition. Scarce. Softcover. $20.00

282. **SHEA, RICHARD F.; Amplifier Handbook** . 1st edition, 1966. This giant handbook encompasses virtually every phase of electronic amplification. It represents an enormous source of both amplifying techniques and specific circuits. It includes enough material to permit the design of circuits other than those represented and many hundreds of diagrams & illustrations. 1543 pages. Very Good condition. Scarce. . $95.00

283. **SUNIER, JOHN; The Story Of Stereo 1881-** . 1st edition, 1960. This book covers the early developments of stereo, as well as the historical background of film, tape, disc, and broadcasting up to 1959. Contains 407 bibliographical references on the subject. 160 pages. 81 illus. Very Good condition. Uncommon. $35.00

284. **WEILER, HAROLD D.; High Fidelity Simplified** . 1st edition, 1952. This book gives you the complete Hi-Fi story, and answers all your questions about tuners, changers, amplifiers, tape recorders, speakers and record players. Includes many photos of vintage equipment. 208 pages. 182 illus. Very Good condition. Uncommon. Softcover. $15.00

SCIENCE FICTION

285. **GERNSBACK, HUGO; Ralph 124C41+ A Romance Of The Year 2660** . 2nd edition, 1958. This hard to find paperback edition is what may be classified as a historic science fiction book. In it, Hugo presents a very accurate picture of what the future will be like, predicting such far out things as radar, solar energy, space travel, and a host of others. This is the first edition in paperback of the 1925 hardcover book. 142 pages. 16 illus. Very Good condition. Rare. $35.00

286. **GERNSBACK, HUGO; Ultimate World** . 1st edition, 1971. Hugo Gernsback's last novel, a combination of science fiction, humor & sex! Unpublished until after his death, writer Sam Moskowitz edited the manuscript and had it published in 1971. The 12 page preface presents a biography of Gernsback and his pioneering work in science fiction. Includes a nicely illustrated dust jacket. 187 pages. Fine condition. Scarce. $35.00

SCIENCE & TECHNOLOGY

287. **BECERIDGE, W.I.B.; The Art of Scientific Investigation** . 2nd edition, 1957. This book serves as an introduction to research, drawing on the experiences of men like Michael Faraday, Louis Pasteur and Max Planck. It is possibly the most thorough coverage on the subject, a must for the serious researcher. Includes an extensive bibliography. 178 pages. 20 photos. Very Good condition. Scarce. $20.00

288. **CARROLL, JOHN M.; The Story of The Laser** . 1st edition, 1964. This book is all about the laser; the history, basics of how they work, various kinds and rules on how they are built. It encompasses the theory and application with many photos to complete the text. Includes a nicely illustrated dust jacket. 181 pages. 35 photos. Very Good condition. Scarce. $15.00

289. **LODGE, SIR OLIVER; The Survival of Man** . 2nd edition, 1920. This book was an epic-marking work, the first book to appear dealing with psychical research from this famous British scientist. Included is much information on mental telepathy, and clairvoyance. 379 pages. Very Good condition. Rare. $35.00

TELEPHONE

290. **ALBERT, ARTHUR L.; Fundamentals of Telephony** . 1st edition, 1943. Using a wealth of excellent sources, the author takes the principles of telephony and makes appropriate applications to the various pieces of apparatus used in complete telephone systems, both manual and automatic. Includes numerous schematics photos and drawings to augment the text. 374 pages. 200 illus. Very Good condition. Scarce. $20.00

291. **BALDWIN, T.S.; Practical Telephone Handbook and Guide To Telephonic Exchange** . 1st edition, 1902. Outlining the history along with the theory and operation of the telephone, this book does a wonderful job in explaining the technical side of telephony. Including many photos and illus. of phones and equipment, the front cover has a few spots, but is nicely embossed in silver with a pot-belly candlestick phone and its accessories. 179 pages. 53 illus. Good + condition. Scarce. $35.00

292. **BELL TELEPHONE LABORATORIES; Engineering and Operations In The Bell System** . 1st edition, 1977. This book provides a comprehensive view of the Bell system as seen from the standpoint of the AT&T Laboratories. It is an excellent reference overview of the basic workings of the telephone company, its communications networks, systems and operations. GREAT PROVENANCE: From The NASA Headquarters Library. The margin contains coffee stains! 721 pages. Good + condition. Scarce. $25.00

293. **BELL TELEPHONE LABORATORIES; A History of Engineering and Science in the Bell System** . 1st edition, 1978. This is the second volume of a series documenting the significant contributions of the Bell System to telecommunications technology and is subtitled The National Service in War and Peace (1925-1975). It includes the full story on radar and air defense, as well as a ten page bibliography. 757 pages. Fine condition. Uncommon. $40.00

294. **BELL, ALEXANDER GRAHAM; The Mechanism Of Speech** . 3rd edition, 1908. This rarely seen volume is the only book ever written by A.G. Bell. This book is the result of Bell's research in aiding the deaf, including his mother and wife. Contains many illustrations of the mouth, throat, and larynx in their relation to speech. 133 pages. Good + condition. Rare. $65.00

295. **BONNER, GERALDINE; The Girl at Central** . 1st edition, 1915. This is an early juvenile book with the theme centering on the telephone. The front cover is nicely embossed and contains a color illustration of an early telephone operator at the microphone. This is the first copy we've had! 315 pages. Good + condition. Rare. $30.00

296. **BOTTONE, S.R.; Electric Bells and All About Them** . 2nd edition, 1899. A thorough treatise on electric bells, from choosing the proper batteries to wiring and troubleshooting. The illustrations make the book a must for anyone having a strong interest in early telephony. The front blank endpaper is loose. 196 pages. 99 illus. Good + condition. Scarce. $25.00

297. **CASSON, HERBERT N.; The History Of The Telephone** . 4th edition, 1911. This is a remarkable account of the history of one of our most treasured possessions, the telephone. The invention and its development are well researched throughout the book. 315 pages. 30 photos. Good + condition. Uncommon. $20.00

298. **LOCKWOOD, T.D.; Practical Information For Telephonists** . 2nd edition, 1884. One of the earliest books on the telephone, it presents many facts and figures about the speaking telephone, the Blake transmitter, telephone lines, switchboard, and batteries. The daily routine of the telephone inspector & the knowledge needed for repairs is also discussed. X-lib. There is some wear on the top & bottom of the spine & the corners. 192 pages. Good condition. Very Rare. $95.00

299. **MCMEEN, SAMUEL G. AND MILLER, KEMPSTER B.; Telephony** . 2nd edition, 1923. A comprehensive and detailed exposition of the theory and practice of the telephone art. If one a book could cover everything about the telephone, then this might be it. Hundreds of half tones and line drawings of apparatus make this a great book for the collector. The covers are somewhat frayed. 943 pages. 682 illus. Good + condition. Scarce. $45.00

300. **RADCLIFFE, W.H.; Telephone Instruments** . 1st edition, 1913. This book discusses the operation, arrangement and management of early telephone instruments. Laid out in a question & answer format, it contains many illustrations of early apparatus and testing equipment. This is the first copy we've seen. 125 pages. 60 illus. Very Good condition. Rare. $55.00

TELEGRAPHY

301. **BAKEWELL, F.C.; Electric Science; It's History, Phenomena, and Applications** . 1st edition, 1853. An excellent early history on the art, with many spectacular illus. of early electrical apparatus. Includes much on the development of electromagnetism and telegraphy, and even the electric light! Three chapters are devoted to the electro-magnetic telegraph. The cover has an embossed figure of an early static machine. Top of spine is chipped 199 pages. 100 illus. Good + condition. Extremely Rare. $295.00

302. **BATES, DAVID HOMER; Lincoln In The Telegraph Office** . 2nd edition, 1939. Recollections of the United States military during the Civil War. The author, who was the manager of the War Dept. telegraph office, and cipher operator during the Civil War, tells just what happened during these most important times. A must for the telegraph historian's library, in perfect condition with a beautiful dust jacket. 432 pages. 23 illus. Very Good condition. Rare. $65.00

303. **BRIGGS, CHARLES F. AND MAVERICK, AUGUSTUS; The Story Of The Telegraph and A History Of The Great Atlantic Cable** . 1st edition, 1858. A complete record of the inception, progress, and final success of the Atlantic Cable, including a general history of land and oceanic telegraphs, with descriptions of telegraphic apparatus & biographical sketches of the principal persons involved. Includes a hand colored folding map. The cover is faded & a number of pages are dampstained. 255 pages. 13 illus. Very Good condition. Very Rare. $195.00

304. **CHIPMAN, ROBERT A.; The Earliest Electromagnetic Instruments** . 1st edition, 1964. Published as Smithsonian paper # 38, this 8 1/2" x 11" booklet traces the history of the early stages of electromagnetic instrumentation through the men who devised the theories and constructed the instruments. All the investigations up to 1820 are included, along with photos & illustrations of the apparatus. 14 pages. 8 illus. Very Good condition. Scarce. Softcover. $20.00

305. **DUGAN, JAMES; The Great Iron Ship** . 1st edition, 1953. "This is the ship that - killed her designer, drowned her first captain, logged four mutinies, killed 35 men, survived the Atlantic's weirdest storm, laid the Atlantic Cable,..." so claims the back jacket of this fascinating story on the Great Eastern, the largest iron ship ever built. Includes an illustrated dust jacket. 272 pages. 27 illus. Very Good condition. Uncommon. Dust Jacket. $15.00

306. **ELLIS, EDWARD S.; The Telegraph Messenger Boy** . 2nd edition, 1904. Originally published in 1889, this is the one of the earliest juveniles written about a Western Union telegraph messenger and his exploits. Includes some fine illustrations and a colorful front cover, in near perfect condition. 263 pages. Very Good condition. Scarce. $35.00

307. **HARRISON, H.H.; Printing Telegraph Systems and Mechanisms** . 1st edition, 1923. An excellent reference for use either by a telegraph equipment designer or as a text for a telegraph demonstrator. Many systems are detailed including Hughes, Murray, Creed, Rowland, Baudot & Pendel, highlighted by a multitude of illustrations. The spine is worn. 435 pages. 420 illus. Good + condition. Rare. $65.00

308. **HAUSMANN, ERICH; Telegraph Engineering** . 2nd edition, 1922. A reference book for practicing telegraph and telephone engineers. It describes many telegraphic devices and their operation including those used in modern overland and submarine telegraphy. Contains many fine illustrations of early equipment as well as a chapter on municipal telegraphs, including fire alarm, explaining their use and operation. 406 pages. 192 illus. Very Good condition. Scarce. $95.00

309. **HERBERT, T. E.; Telegraphy** . 1st edition, 1930. A detailed exposition of the telegraph practice of the British Post Office. Prepared over a four year period, it encompasses both theory and application of the telegraph instruments used by the operator. Includes hundreds of illustrations of telegraph apparatus as well as some folding plates. 1199 pages. 734 illus. Good + condition. Scarce. $65.00

310. **HIS MAJESTY'S STATIONARY OFFICE; Army Telegraphy And Telephony Vol. 1 Instruments** . 1st edition, 1908. This book, printed at the beginning of WWI, describes and shows the various telegraph and telephone apparatus used at the time in the British armed forces. Profusely illustrated with hundreds of diagrams and line drawings of early galvanometers, telegraph & telephone gear. 353 pages. Very Good condition. Rare. $115.00

311. **I.C.S.; Telephone and Telegraph Engineers' Pocketbook** . 1st edition, 1908. A handy reference book for all those interested in telegraph and telephone systems, location of faults, electricity, magnetism, electrical measurements and batteries. Profusely illustrated with many diagrams and equipment of the period. 398 pages. 285 illus. Very Good condition. Uncommon. $30.00

312. **LARDNER, DIONYSIUS; The Electric Telegraph** . 1st edition, 1855. An incredibly early book dedicated to the telegraph. All the various forms of the telegraph are covered in detail, including just about every system that had been devised in Europe up to 1855. Many engravings accompany the text, showing a hump-back key, weight driven register, dial telegraph etc.. The spine is chipped at the top. 244 pages. 92 illus. Good + condition. Very Rare. $345.00

313. **LARKIN, OLIVER W.; Samuel F.B. Morse and American Democratic Art** . 1st edition, 1954. This biographical sketch relays a different aspect of the great inventor. Morse produced over 300 paintings in his lifetime. This book gives an objective view of his painting career, as well as his work on the telegraph and subsequent developments. Includes a chipped dust jacket. 215 pages. Good + condition. Uncommon. $15.00

314. **MACOMBER, GEORGE S.; Modern Land and Submarine Telegraphy** . 1st edition, 1914. An up-to-date (?) treatise on the electric telegraph, including the development of modern methods and equipment. A scarce title covering the development of both submarine and land telegraphy, detailing the commercial and technical phases of the art. Contains many nice photos, including an early Vibroplex (Albright) and Morse's first recorder. 89 pages. 59 illus. Very Good condition. Rare. $95.00

315. **MAVER, WILLIAM JR.; American Telegraphy: Systems Apparatus Operation** . 5th edition, 1912. This famous book by Maver contains all information on the various telegraph systems known up until that time. Included are galvanometers and stocktickers, fire alarm telegraphs & the Edison Phonoplex System. The best reference book on early telegraph apparatus, this copy is a high quality Lindsay reprint nicely bound in simulated leather! 1997 695 pages. 544 illus. Fine condition. . $35.00

316. **MAVER, WILLIAM JR.; American Telegraphy: Systems Apparatus Operation** . 5th edition, 1912. This famous book by Maver contains all information on the various telegraph systems known up until that time. Included are galvanometers and stock tickers, fire alarm telegraphs, and the Edison Phonoplex system. The hinges are a little weak, but this is overall a nice copy. A landmark book with many engravings & a chapter on wireless telegraph 695 pages. 544 illus. Good + condition. Rare. $195.00

317. **MEYER, FRED L.; Twentieth Century Manual Of Railway Commercial Telegraphy** . 4th edition, 1905. The scope of this book is mainly to instruct telegraph operators in the everyday business of running a telegraph office. The basic theory in electricity is presented, but the main theme concerns the forms and procedure of commercial and railway telegraphy. The covers are somewhat stained. 269 pages. 29 illus. Good + condition. Scarce. $30.00

318. **RICH, JOSEPH S. AND STEPHAN G.; United States Telegraph Issues** . 1st edition, 1947. Published by The Society of Philatelic Americans, this is a handbook of United States Telegraph stamps and franks. It contains much information on the early telegraph companies and the stamps issued by them. If you have any interest in telegraph franks or stamps, this is a "must-have". 76 pages. 69 illus. Very Good condition. Scarce. Softcover. $45.00

319. **SHALER, ROBERT; The Boy Scouts of The Signal Corps** . 1st edition, 1914. An early juvenile book depicting a vintage boy scout on the front cover using semaphore flags. This is the first copy we've had. 160 pages. Very Good condition. Rare. $40.00

320. **SNOW, DOROTHEA J.; Samuel Morse- Inquisitive Boy** . 1st edition, 1955. This entertaining story describes Morse's early experiments and what led him to invent the telegraph, as well as his first love, painting. This is the first copy we've had for sale. 190 pages. 5 illus. Very Good condition. Scarce. $40.00

321. **THOMPSON, ROBERT LUTHER; Wiring A Continent** . 1st edition, 1947. This is the complete history of the telegraph industry in the United States from 1832 - 1866. The invention of the telegraph, along with the formation of the companies, the litigation, and other problems are well covered here. An extensive bibliography is also included. It has an illustrated dust jacket. 544 pages. 73 illus. Very Good condition. Uncommon. $80.00

322. **THOMPSON, SILVANUS P.; Electricity and Magnetism** . 5th edition, 1888. An exceptionally early textbook on the subject. Covered are these various areas: electrostatics, electromagnets, electrical measurement, electric light, electric telegraphs and telephones. This 5th edition includes the determination of the true value of the Ohm. The cover is nicely embossed with a silver telegraph Morse Inker. 456 pages. 170 illus. Good + condition. Scarce. $30.00

323. **WAR DEPARTMENT; Signal Shaping in Submarine Cable Telegraphy** . 1st edition, 1946. This is designated as TM-2091 and listed as "Restricted", though it was declassified in 1947. This book discusses the frequency components in submarine cables, including amplifiers, networks, and signals. This is the first copy we've seen! 56 pages. 23 illus. Very Good condition. Rare. Softcover. $35.00

324. **WAR DEPARTMENT; Signal Book- United States Army 1916** . 1st edition, 1916. Published by The Government Printing Office and written by the Office of The Chief Signal Officer, this is a seldom seen book written at the dawn of World War I. It explains all forms of signalling, including telegraph, flag, torch, semaphore, lantern, heliograph, rocket and searchlight. Codes and ciphers are also covered. 64 pages. Very Good condition. Rare. Softcover. $55.00

TESLA & HIGH VOLTAGE

325. **ALLSOP, F. C.; Induction Coil And Coil Making** . 1st edition, 1894. This is a treatise on the construction and working of shock, medical and spark coils. Contains many beautiful illustrations of unusual spark coils and various electrical apparatus. A highly recommended book for the high voltage freak! This is a rarely seen first edition. 162 pages. 118 illus. Very Good condition. Rare. $125.00

326. **CADE, C. MAXWELL AND DAVIS, DELPHINE; The Taming of The Thunderbolts; "The Science and Superstition of Ball Lightning"** . 1st edition, 1969. This neat volume explores the scientific theories & properties associated with the subject. It pursues a comprehensive group of case histories as well as an extensive bibliography. An entertaining account of a bizzare subject, probably the most in-depth study in this area. Includes a nicely illustrated dust jacket. 176 pages. 5 photos. 20 illus. Very Good condition. Scarce. $45.00

327. **COBINE, JAMES D.; Gaseous Conductors** . 1st edition, 1941. This book was the first adequate treatment of the physics of the phenomena of gaseous conduction. Part I discusses the physical concepts of gases, atomic structure and emission phenomena, while part II deals with space charge, breakdown of gases, & the characteristics of spark, glow and arc discharges. The book is badly waterstained! 606 pages. 237 illus. condition. Scarce. $20.00

328. **COLLINS, A. FREDERICK; Design & Construction Of Induction Coils** . 1st edition, 1908. Written by a pioneer in wireless telegraphy, this book gives the construction details and many illustrations for 8 different induction coils, which range in size from 1/2" to 12". Meticulous care is given in each step to achieve the best possible results. The front blank endpaper is missing. One of the best books on the subject! 272 pages. 155 illus. Good + condition. Very Rare. $195.00

329. **CROOK, H. EVELYN; High Frequency Currents** . 1st edition, 1906. This book covers the production, physical properties, physiological effects and therapeutical uses of high frequency currents. The first part of the book deals with the history and apparatus involved, including induction coils, wimshurst machines, Oudin coils, geissler tubes, etc.. This is the first copy we've had for sale! 206 pages. 44 illus. Very Good condition. Rare. $135.00

330. **CROOKES, WILLIAM; On Radiant Matter** . 1st edition, 1879. This is a bound volume of The Popular Science Monthly Magazine. It is Volume 16, November 1879 to April, 1880. It contains the important paper by William Crookes' on his discoveries pertaining to Geissler Tubes & Crookes' Tubes, including some neat illustrations of railway & other effects tubes. Also contains a notice of Edison's work on light! 22 pages. 21 illus. Good + condition. Very Rare. $155.00

331. **CURTIS, THOMAS STANLEY; Experimental High Frequency Apparatus** . 1st edition, 1916. This little volume was prepared as an elementary companion to Curtis's larger work, "High Frequency Apparatus". He omitted the theory describing the three principal forms of high frequency apparatus for the home experimenter. Construction of both Tesla & Induction coils are detailed. The front & rear covers are missing. 71 pages. 17 illus. Poor condition. Rare. Softcover. $20.00

332. **GORDON, J.E.; A Physical Treatise On Electricity And Magnetism Vol. I and II** . 3rd edition, 1891. A very early work on electricity which touches on Clerk Maxwell's electromagnetic theory of light, Faraday's experiments, etc.. Also covered are electromagnets, induction coils, Crookes tubes, and early motors, of which many are illustrated. Includes details on original experiments and papers dealing with galvanometers & Geissler tubes. 675 pages. 73 photos. 312 illus. Very Good condition. Rare. $245.00

333. **HARE, A.T.; The Construction of Large Induction Coils** . 1st edition, 1900. This is a quality 1992 Lindsay reprint of an exceedingly rare book on the construction of large induction coils. All areas of coil building are covered, including the core, primary coil, condenser, secondary, and all the different forms of breaks. A very informative book, I've never had an original for sale in my catalog! 155 pages. 35 illus. Fine condition. Common. Softcover. $15.00

334. **MARTIN, THOMAS COMMERFORD; Inventions, Researches And Writings Of Nikola Tesla** . 2nd edition, 1894. A seldom seen volume that contains special reference to his work in Polyphase Currents and High Potential Lighting. Profusely illustrated with many of his experiments on High Frequency, a rarely seen edition of a very important work. A nice tight copy, the endpapers have been replaced. 496 pages. 313 illus. Very Good condition. Very Rare. $245.00

335. **NORRIE, H.S.; Experimenting With Induction Coils** . 2nd edition, 1915. This book contains practical directions for operating induction coils and Tesla coils, and also shows how to make the apparatus needed for the numerous experiments described. Fully illustrated with many drawings of Geissler tubes, Leyden jars and Tesla coils. The spine is reinforced with clear tape. 73 pages. 26 illus. Good + condition. Rare. Softcover. $95.00

336. **TRANSTROM, HENRY L.; Electricity At High Pressures And Frequencies** . 2nd edition, 1921. This book covers all areas of high voltage experimentation. It contains investigation done by Tesla and Fessenden, along with many remarkable photographs of high voltage coils in action, even producing lightning at a man's fingertips and mouth! This is a quality 1985 reprint of the original edition by The Tesla Society in hardcover. 247 pages. 141 illus. Fine condition. Uncommon. $15.00

337. **TREVERT, EDWARD; How To Make And Use Induction Coils** . 2nd edition, 1905. An early treatise giving full instructions on how to construct and perform experiments using the coil for electrical or medical purposes. Trevert does mention using geissler tubes for effect but cautions the reader to buy them ready made! This copy is in beautiful condition. 81 pages. 36 illus. Fine condition. Rare. $85.00

338. **VIEMEISTER, PETER E.; The Lightning Book** . 1st edition, 1961. This interesting book provides everything you wanted to know about lightning & more. Well illustrated, the history, facts, and protection from the awesome force is detailed and explained. Includes an extensive 11-page bibliography and a neat dust jacket. 316 pages. 53 photos. 72 illus. Very Good condition. Scarce. $35.00

339. **WHITEHEAD, S.; Dielectric Phenomena; Electrical Discharges In Gases** . 1st edition, 1926. This volume gives an account of the main phenomena which are observed in electrical discharges through gases at pressures for which the mean path is small compared with the the electrode dimensions. A brief discussion of the theories involved is included as well as sparkover and corona. 176 pages. 52 illus. Very Good condition. Scarce. $45.00

TELEGRAPH-TELEPHONE

340. **(TRADE CATALOG) GRAYBAR ELECTRIC CO.; Graybar General Catalog No. 103** . 1st edition, 1948. From full size derricks to complete substations to insulators, it's all here in this massive catalog! Western Electric Amplifiers, mixers, consoles, microphones and even transmitters & test equipment are included in this great reference book. 1116 pages. 999 illus. Very Good condition. Scarce. $95.00

341. **CLARKE, ARTHUR C.; Voice Across The Sea** . 2nd edition, 1974. This book, written by the noted fiction author, is a complete though non-technical account of the development of communications satellites. Originally published in 1958 to mark the centenary of the first Atlantic cable, it has been updated to cover the extraordinary recent developments in both cables and satellites. 227 pages. 32 photos. Very Good condition. Uncommon. $15.00

342. **DEPARTEMEN PERHUBUNGAN-DIREKTORAT JENDERAL POS DAN TELEKOMUNIKASI; Sejarah Pos Dan Telekomunikasi Di Indonesia** . 1st edition, 1980. A rarely seen 3 (of 4) volume set on the history of communications in Indonesia. Nicely illustrated with photos and drawings of telegraph & telephone apparatus, as well as many color pages showing the stamps produced by Indonesia. Written in a foreign language, Volumes 1, 3 and 4 are present. This set came from The Library Of Congress. 704 pages. Very Good condition. Scarce. Dust Jacket. $45.00

TELEVISION

343. **(MCGRAW-HILL TELEVISION RECEIVERS) DEUTSCH, SID; Theory and Design of Television Receivers** . 1st edition, 1951. This book presents a physical explanation for the behavior of various television receiver circuits and discusses the practical design. Television receiver servicing techniques are also explored in detail. The are notes in pencil written in the margins. 536 pages. 368 illus. Good + condition. Scarce. $25.00

344. **(MCGRAW-HILL TELEVISION SERIES); FINK, DONALD G.; Principles of Television Engineering** . 1st edition, 1940. This book provides a technical and practical treatment of methods and equipment, image analysis, camera tubes, scanning beams, video applications and the receiver. It enabled the technical worker to make a transition from familiarity with radio engineering to familiarity with television engineering. 541 pages. 313 illus. Very Good condition. Scarce. $25.00

345. **ARDENNE, MANFRED VON; Television Reception** . 1st edition, 1936. A rarely seen book on early cathode-ray television, containing many photos and illustrations of early television equipment. An excellent bibliography is included as well as construction and operation of a CRT receiver. This is the first English language edition. 121 pages. 50 photos. 46 illus. Very Good condition. Rare. $125.00

346. **CAMM, F.J.; Newnes Wireless Constructor's Encyclopaedia** . 3rd edition, 1932. A complete guide to the construction, operation, repair, and overhaul of all types of wireless receivers and components. Contains a special section on scanning-disc television, and details on how to build one. The Covers are worn and stained. 392 pages. 490 illus. Good condition. Uncommon. $25.00

347. **COCKING, W.T.; Television Receiving Equipment** . 4th edition, 1950. This book covers the general principles of television receiving equipment, and delves step by step into the receiving circuit. An excellent book for someone who wishes to learn the theory behind the screen. Includes an partial dust jacket. 375 pages. 296 illus. Very Good condition. Scarce. $15.00

348. **COLLINS, A. FREDERICK; Experimental Television** . 1st edition, 1932. An important volume written by a pioneer experimenter in wireless telephony . A complete study is given of the different systems of television receivers employed at the time. Included is a chapter on the cathode ray television receiver. This is a quality reprint published by Lindsay Publications in 1991. 313 pages. 185 illus. New condition. Rare. Softcover. $10.00

349. **D'ALBE, E. E. FOURNIER; The Moon-Element: An Introduction To The Wonders Of Selenium** . 1st edition, 1924. An important source book for mechanical television, surely used by Baird and Jenkins in their experiments with scanning disc TV. This rarely seen book also gives a complete history of selenium. The top of the spine is chipped. 166 pages. 32 illus. Good + condition. Rare. $45.00

350. **DINSDALE, ALFRED; Television** . 2nd edition, 1928. This is a much enlarged edition of his historic book "Seeing By Wire Or Wireless". Containing many photos of scanning disc apparatus and images, this early book describes the American and British systems, both transmitters and receivers & even Baird's system of stereoscopic television. A beautiful copy of an important book. 180 pages. 33 photos. 38 illus. Very Good condition. Rare. $195.00

351. **ECKHARDT, GEORGE H.; Electronic Television** . 1st edition, 1936. As electronic television moved from the research laboratories into the field, an accurate book was needed on the subject. The author, with the cooperation of RCA and Farnsworth Television Inc., was able to use their laboratories as the main source of information. Contains many quality photos from the two companies. 162 pages. 83 illus. Very Good condition. Rare. $60.00

352. **EDDY, WILLIAM C.; Television - The Eyes Of Tommorrow . 1st** edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained in detail as well as shown in the many photos present. The television control room, studio, and stage are described in detail. There is even a chapter on color television! 330 pages. Very Good condition. Scarce. $55.00

353. **FINK, DONALD G. (EDITOR); Television Standards And Practices .** 1st edition, 1943. This volume was compiled from the Proceedings Of The National System Television Committee (NTSC), on which are based the standards adopted in 1941 by the FCC for the commercial television broadcasting in the United States. It is a complete and authoritative examination into the television service. 405 pages. 115 illus. Very Good condition. Scarce. $65.00

354. **GOLDSMITH, ALFRED N.; Television - Volume I (1933 - 1936) . 1st** edition, 1936. Published by the RCA Corp., this book contains collected addresses and papers on the future of the new art and the recent technical developments of electronic television. Profusely illustrated with early photos of early TV apparatus. A very nice copy of the first printing of an important book. 452 pages. 70 photos. 160 illus. Very Good condition. Scarce. Softcover. $45.00

355. **GOLDSMITH, ALFRED N.; Television - Volume V, 1947-1948 . 1st** edition, 1950. Published by the RCA Corp., this book contains much information on the early development of electronic television. Profusely illustrated with photos of early television apparatus, this volume covers UHF and the first extensive work on color television (31 pages). An excellent and important reference volume. 461 pages. 74 photos. 126 illus. Very Good condition. Uncommon. $35.00

356. **GOLDSMITH, ALFRED N.; Television - Volume IV, 1942-1946 . 1st** edition, 1949. Published by the RCA Corp., this book contains much information on the early development of electronic television, illustrated with photos of early television apparatus. Included is a bibliography of 275 technical television papers by RCA authors from 1929-1946. 510 pages. 70 photos. 130 illus. Very Good condition. Uncommon. $35.00

357. **GOLDSMITH, ALFRED N.; Television - Volume II (1936 - 1937) . 1st** edition, 1937. Published by the RCA Corp., this book contains much information on the early development of electronic television. Numerous photos and illustrations show early television apparatus. 435 pages. 234 illus. Very Good condition. Uncommon. Softcover. $30.00

358. **GOLDSMITH, DR. ALFRED N.; Radio Facsimile . 1st edition, 1938.** This is an assemblage of papers from engineers of the RCA laboratories relating to the radio transmission and recorded reception of permanent images. This is one of the first books printed on the subject. A large number of photos and illustrations are included. 353 pages. Very Good condition. Scarce. Softcover. $25.00

359. **JENKINS, C. FRANCIS; The Boyhood of an Inventor** . 1st edition, 1931. A decidedly very interesting account of the author's life. This is definitely the most difficult biography to obtain. This autobiography aptly describes the beginnings of an inquisitive mind who went on to build the prototype of the motion picture projector and produce the first photographs by radio-also known as television Signed By Jenkins! 273 pages. 268 photos. Very Good condition. Very Rare. $275.00

360. **KLEMPERER, O.; Electron Optics** . 2nd edition, 1953. This landmark volume gives an account of the principles, methods and applications of electron optics. It introduces the student to the specialized subject and presents the research worker with the basic principles and essential information to guide him through the literature available (Includes an extensive 17 page bibliography). 471 pages. 219 illus. Very Good condition. Scarce. Dust Jacket. $45.00

361. **LARNER, E. T.; Practical Television** . 1st edition, 1928. A very rare and early book on television, contains a forward by John Logie Baird. Includes 27 pages on the history of TV up to 1928, and an entire chapter on Cathode-Ray television. The Baird televisor is also well described in a separate chapter. Contains many illustrations and photos of early television apparatus. 175 pages. 13 photos. 84 illus. Very Good condition. Very Rare. $115.00

362. **LEE, ROBERT E.; Television: The Revolution** . 1st edition, 1944. This book gives an objective outlook at early public television and its effects on general entertainment, FCC consolidation & advertising. An interesting look at the new media with a forward by Lee DeForest. This is the first copy we've seen! 230 pages. Very Good condition. Very Rare.$65.00

363. **LOW, A.M.; Wireless Possibilities** . 1st edition, 1924. A curious little volume that contains some thoughts on what lies ahead in the field of radio. Included is a fascinating 21 page chapter on "Radio Television", and a 12 page chapter on "Wireless And War". 77 pages. Very Good condition. Scarce. $35.00

364. **MANLY, H.P.; Television Servicing for Radiomen** . 1st edition, 1949. This book includes television circuit analysis and the use of service instruments for alignment, control adjustment, and troubleshooting. The use of sweep and marker generators, as well as oscilloscopes and other test equipment is covered. An early textbook on the subject. 418 pages. 301 illus. Very Good condition. Scarce. $15.00

365. **MEISSNER; How To Build Radio Receivers** . 1st edition, 1943. This publication presents the entire line of 1939-1940 Meissner Kit receivers. An article on television in theory & practice precedes complete constructional information for the "New" Meissner television receiver. There is complete instructions for 28 different receivers, including many short wave models. 168 pages. Very Good condition. Scarce. Softcover.$20.00

366. **NATIONAL BROADCASTING CORP.; NBC Television Tour: Seeing At A Distance** . 1st edition, 1939. A rarely seen booklet published by NBC for its television building at the World's Fair in 1939. Profusely illustrated with many photos I've never seen before of the display and layout of the building. There are even some shots of the inside of the RCA TV assembly lines, and a historical exhibit. 36 pages. 65 photos. Very Good condition. Rare. Softcover. $95.00

367. **REYNER, J.H.; Cathode-Ray Oscillographs** . 2nd edition, 1945. An early book on the use of the oscilloscope and an explanation of its various circuits, construction, operation, and numerous applications. 187 pages. 134 illus. Very Good condition. Uncommon. $25.00

368. **RIDER, JOHN; Encyclopedia On Cathode Ray Oscilloscopes And Their Uses** . 1st edition, 1955. A profusely illustrated, very large volume which presents a cross section of cathode ray oscilloscope theory and application. It covers the most significant uses of the oscilloscope, including repair, experimentation, and monitoring. In like new condition! 982 pages. Fine condition. Uncommon. $35.00

369. **RIDER, JOHN F.; The Cathode-Ray Tube At Work** . 1st edition, 1943. Profusely illustrated, this book covers details about the oscilloscope and its practical applications in electronic circuits. Includes a colorful dust jacket. 336 pages. 455 illus. Very Good condition. Scarce. $15.00

370. **SETTEL, IRVING AND LAAS, WILLIAM; A Pictorial History of Television** . 1st edition, 1969. A richly illustrated volume which traces the complete story of television from the 19th Century to the late 1960's. This book documents television's influence on the American public. Includes a defective dust jacket. 210 pages. 300 photos. Very Good condition. Uncommon. $20.00

371. **WALDROP, FRANK C. AND BORKIN, JOSEPH; Television: A Struggle for Power** . 1st edition, 1938. This is an accurate digest of the principles by which television works , aimed to clarify the day to day struggle for power in the commercial spectrum. An interesting conception and warning to the public of how television could engulf other media such as radio. An early view of things to come. The top of the spine is frayed, x-library with marks. 299 pages. Good + condition. Rare. $55.00

372. **WATSON-WATT, R.A.; The Cathode Ray Oscillograph In Radio Research** . 1st edition, 1933. A rarely seen handbook demonstrating the techniques essential for efficient and thorough applications of the cathode ray tube both in radio research and its first use in navigation and direction finding. Written by the father of radar, this is the first book to discuss these areas in such detail. This is a later printing from 1943. 290 pages. 17 photos. 113 illus. Good + condition. Rare. Softcover. $40.00

373. **WILSON, W.; The Cathode Ray Oscillograph In Industry** . 2nd edition, 1946. The general principles and design, along with a detailed description of its circuits are included in this volume. The various applications in testing and troubleshooting circuits are shown. An excellent chapter on the electron microscope and its uses is also included. 244 pages. 194 illus. Very Good condition. Uncommon. $20.00

374. **YATES, RAYMOND FRANCIS; ABC Of Television Or Seeing By Radio** . 1st edition, 1929. A complete and comprehensive treatise outlining the theory, construction, and operation of television receivers. This book includes a brief history and a full description of scanning disc tv as well as the earliest full portrayal of cathode ray television. An excellent copy of a important title. 210 pages. 21 photos. 78 illus. Very Good condition. Rare. $145.00

375. **ZWORYKIN, V.K. AND MORTON, G.A.; Television: The Electronics Of Image Transmission** . 1st edition, 1940. One of the 1st books about electronic television, a comprehensive view on the subject. RCA's engineering staff worked hand in hand with the authors reinforcing the information with many drawings and photos. An extra nice copy of this important book. 646 pages. 509 illus. Very Good condition. Rare. $45.00

376. **ZWORYKIN, V.K., MORTON, G.A. & OTHERS; Electron Optics And The Electron Microscope** . 1st edition, 1945. One of the most comprehensive texts covering the electron microscope in all its phases. The authors are all engineers from the RCA Labs in Princeton, N.J., and quite knowledgeable in the field. Contains many photos, illustrations and diagrams concerning the electron microscope. Includes an illustrated dust jacket. 766 pages. Very Good condition. Rare. $65.00

VACUUM TUBES

377. **D'HUMY, FERNAND E.; The Birth of The Vacuum Tube- "The Edison Effect"** . 1st edition, 1949. Published by Newcomen Society, this rare pamphlet describes the events leading up to the discovery of the vacuum tube, beginning with Thomas Edison's early investigations and ending with DeForest's invention of the 3 element radio tube. The staples have been removed from the spine, so the pages are loose. 28 pages. Very Good condition. Scarce. Softcover. $30.00

378. **EASTMAN, AUSTIN V.; Fundamentals Of Vacuum Tubes** . 3rd edition, 1949. This inclusive text deals with thermionic tubes, RF and AF amplifiers, and their associated circuits. Includes much on the theory and applications, along with many illustrations. This editon contains extensive changes and additions to the chapter on audio frequency amplifiers. 644 pages. Very Good condition. Uncommon. $30.00

379. **KOLLER, L.R.; The Physics of Electron Tubes** . 2nd edition, 1937. A presentation of the fundamental physical phenomena involved with the operation of electron tubes. The author was a member of the Research Labs at General Electric Co. An excellent book for the tube freak. 234 pages. 84 illus. Very Good condition. Scarce. $45.00

380. **MACGREGOR-MORRIS, J.T.; The Inventor of the Valve** . 1st edition, 1954. This is a seldom seen biography of Sir Ambrose Fleming, published the 50th anniversary of the filing of the patent for the Fleming valve. An excellent biography of Fleming's early life and inventions. A chronological list of Fleming's books is includedin this pristine copy. 141 pages. 22 illus. Fine condition. Rare. $75.00

381. **PREISMAN, ALBERT; Graphical Constructions For Vacuum Tube Circuits** . 1st edition, 1943. A fundamental book designed to fill a gap, using curves to produce solutions for vacuum tubes using non-linear circuits. Many graphs, circuit diagrams & formulas are displayed within the confines of this volume. Includes a 67 page chapter on various types of amplifier circuits. An excellent book for the audio amplifier designer. 237 pages. 124 illus. Very Good condition. Scarce. $70.00

382. **RCA MANUFACTURING CO.; Vacuum Tube Design** . 1st edition, 1943. WoW! Privately issued in small quantities for its employees, this book forms the basis of a 26 lecture course given by RCA engineers during 1937 - 1938. A very rare book, it contains many footnotes & references on the sources of information. The progress of the vacuum tube is told in a chapter on fleming valves, audions & early tubes. Cover is soiled 260 pages. 196 illus. Good + condition. Extremely Rare. $235.00

383. **RCA TUBE DEPARTMENT; RCA Transmitting Tube Manual** . 3rd edition, 1938. This is RCA's type TT3 tube manual, which contains a vast amount of information on the technical data of most transmitting tubes. 192 pages. Very Good condition. Uncommon. Softcover. $20.00

384. **RCA TUBE DEPARTMENT; RCA Receiving Tube Manual RC-13** . 3rd edition, 1937. This is RCA's type RC 13 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. It is the 4th manual issued by RCA. 192 pages. Good + condition. Rare. Softcover. $35.00

385. **REICH, HERBERT J.; Theory And Applications Of Electron Tubes** . 1st edition, 1939. Primarily a text for college students, this book should also prove valuable to engineers as a reference work. Its foundation is in the fundamental principles and analysis of electron tubes & their applications. Contains much on voltage, current and audio power amplifiers. Includes hundreds of illustrations and diagrams. 670 pages. Very Good condition. Uncommon. $25.00

386. **SCOTT-TAGGART, JOHN; Thermionic Vacuum Tubes In Radio Telegraphy And Telephony** . 2nd edition, 1924. Covering all aspects of the vacuum tube, this is one of the earliest treatises written on the subject. Profusely illustrated, both receiving and CW transmitting tubes and their associated circuits are well defined. There is even an entire chapter devoted to the 2-element Fleming valve! A very nice copy! Knight's List # 266 470 pages. 388 illus. Very Good condition. Scarce. $85.00

387. **SEELY, SAMUEL; Electron-Tube Circuits** . 2nd edition, 1958. This comprehensive volume developed from a series of courses taught by the author on tube circuits used during WWII. It covers fundamental properties and applications, with an emphasis on audio amplification as well as a variety of other areas including radar. Includes a like-new dust jacket. 695 pages. 547 illus. Very Good condition. Scarce. $30.00

388. **SPANGENBERG, KARL R.; Vacuum Tubes** . 1st edition, 1948. An excellent reference source for experimenters & designers, this book incorporates basic relations, physical data and vacuum tube theory. Many diagrams accent the text. One of the much sought after volumes from the McGraw-Hill Engineering Series. 860 pages. 395 illus. Very Good condition. Scarce. $75.00

389. **TERMAN, FREDERICK E.; Electronic and Radio Engineering** . 4th edition, 1955. This book presents a comprehensive treatment of important vacuum tube and radio phenomena. Chapters include information on circuit theory, voltage and power amplifiers, feedback, and distortion. A "must have" for the vacuum tube circuit designer. Includes a seldom seen dust jacket. 1078 pages. Very Good condition. Uncommon. $30.00

390. **TUNG SOL MFG.; Tung-Sol Tube Manual** . 1st edition, 1951. This large loose-leaf bound volume contains the technical data for most receiving tubes. Typical operating conditions and characteristics are covered, as well as the curves used in certain circuit applications. It's pretty heavy! 1000 pages. 999 illus. Good + condition. Scarce. $120.00

391. **WITTS, ALFRED T.; Thermionic Valves In Modern Radio Receivers** . 2nd edition, 1947. This book presents an outline of the theory, practice & application of vacuum tubes to circuits popular in the 1940's. Extensive attention is given to the use of the valve as an audio amplifier, describing output circuits and the use of push-pull design in the final stage. Includes a damaged dust jacket 218 pages. 135 illus. Very Good condition. Scarce. $20.00

WIRELESS BOOKS<1920

392. **(TRADE CATALOG); The William B. Duck Co. Catalog No. 8** . 1st edition, 1911. This catalog represents a complete line of wireless instruments, complete transmitters, receivers, parts, books, detectors etc. The "Sears Catalog" for the wireless man, and fascinating reading for the early radio lovers. Hundreds of photos of early apparatus, with names ranging from DeForest to Clapp-Eastham Nice condition with little wear 320 pages. Very Good condition. Rare. Softcover. $95.00

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395. **BATCHER, RALPH; Prepared Radio Measurements . 1st edition, 1921.** A Wireless Press edition, companion to the other popular wireless books, including Bucher's Practical Wireless Telegraphy etc. It was written to remove the guesswork from determining electrical and geometrical constants for radio instruments and appliances. Contains many self-computing charts. Knight's List # 19 138 pages. Very Good condition. Scarce. $30.00

396. **BUCHER, ELMER E.; Practical Wireless Telegraphy . 2nd edition,** 1920. A complete textbook for students of wireless communication. Includes 334 photos and illustrations, along with many pages of descriptions of early Marconi receivers and transmitters. Knight's List # 44. 336 pages. Very Good condition. Uncommon. $20.00

397. **COLE, A.B.; The Operation of Wireless Telegraph Apparatus . 3rd** edition, 1919. This handbook fully explains some of the methods whereby the wireless experimenter and operator may secure the greatest efficiency from his instruments. A very nice copy of a scarce book. 87 pages. 46 illus. Very Good condition. Rare. Softcover. $30.00

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399. **DAVIDGE, H.T.; Wireless Telegraphy . 8th edition, 1919. An early** on the theory and practice of wireless telegraphy. Includes some great illustartions and photos of early equipment and stations using primitive apparatus. Knight's List # 70 66 pages. 35 illus. Good + condition. Rare. Softcover. $35.00

400. **ERSKINE-MURRAY, JAMES; A Handbook of Wireless Telegraphy . 4th** edition, 1913. An excellent treatise on the subject of wireless telegraphy, including a nice history of the art. Covers the different systems in use at the time,including Marconi, Fessenden, Lodge-Muirhead, Telefunken, and the De Forest system. An exceedingly hard book to find, especially in such nice condition. Belonged to William Preece's son! Knight's List # 88. 442 pages. 186 illus. Very Good condition. Very Rare. $245.00

401. **FLEMING, JOHN AMBROSE; The Principles of Electric Wave Telegraphy and Telephony . 3rd edition, 1916. This famous work of Fleming** contains all knowledge of the art of wireless up to WWI, including 248 pages on high-frequency currents and oscillations. There are 490 photos and illustrations, with many showing early stations and wireless equipment. Knight List # 96 911 pages. Good + condition. Very Rare.$155.00

402. **FORTESCUE, C.L.; Wireless Telegraphy** . 1st edition, 1913. This book is devoted to the explanations of electrical phenomena applied to wireless telegraphy & the application and principles of the apparatus involved. A chapter on the use of wireless on aeroplanes is included. Knight's List # 103. 143 pages. 20 illus. Very Good condition. Scarce. $65.00

403. **FRASER, DAVID; A Modern Campaign; or, War and Wireless Telegraphy In The Far East** . 1st edition, 1905. This is the first published account of the use of wireless in wartime, each chapter written only days after the battles had occurred. Establishing the wireless stations and their effect on the war is looked at indepth. An important book, this is Knight's List # 105. 356 pages. 24 illus. Very Good condition. Very Rare. $115.00

404. **GIBSON, CHARLES R.; Wireless Telegraphy And Telephony Without Wires** . 1st edition, 1914. A popular account of the past and present of wireless telegraphy and telephony. Written for the layman, this book does an excellent job in explaining the evolution and development of wireless. Includes many nice photos and illustrations of early wireless gear. Knight's List # 109. 156 pages. 9 photos. 19 illus. Very Good condition. Scarce. $85.00

405. **GOLDSMITH, ALFRED N.; Radio Telephony** . 1st edition, 1918. An excellent treatise on the subject of wireless telephony. This early work covers the Poulson Arc, Alexanderson, and DeForest systems as well as many others. Profusely illustrated with over 100 photos of early wireless apparatus. Knight's List # 111 247 pages. 110 photos. 116 illus. Good + condition. Uncommon. $30.00

406. **HAWKHEAD, J.C. & DOWSETT, H.M.; Handbook Of Technical Instruction For Wireless Telegraphists** . 2nd edition, 1915. An excellent book covering all phases of wireless telegraphy used in commercial applications. Profusely Illus. with commercial Marconi gear and complete instructions on how to use it. One of the best books of the age! Knight's List # 132. 310 pages. 242 illus. Very Good condition. Rare. $85.00

407. **KENNELLY, A.E.; Wireless Telegraphy And Telephony** . 2nd edition, 1909. An excellent well-known treatise on wireless telegraphy, and the primitive forms of wireless telephony. Many nice illustrations of early equipment are shown. The different applications of wireless are presented, especially the future uses of wireless telephony. Knight's List # 153. 279 pages. 84 illus. Good + condition. Rare. $125.00

408. **LAUGHTER, VICTOR H.; Operator's Wireless Telegraph and Telephone Hand-Book** . 1st edition, 1909. A complete treatise on the construction and operation of the wireless telegraph and telephone. Many fine photos of wireless apparatus and wireless stations are included. The different forms of wireless telephony are well represented. Knight's List # 162. 180 pages. 30 photos. 56 illus. Good + condition. Uncommon. $35.00

409. **MARCONI WIRELESS TELEGRAPH COMPANY; The Yearbook of Wireless Telegraphy - 1913** . 1st edition, 1913. This is the first yearbook published by Marconi which contains more information than ever written before. Included are many photos of wireless gear and stations, info on early companies, biographies, and a history of wireless. Includes a large folding wireless map of the world. The top of the spine is worn. From the NBC Library in New York! 564 pages. Good + condition. Rare. $95.00

410. **MILLAR, A.H.; James Bowman Lindsay (Wireless Telegraphy)** . 1st edition, 1925. This biography covers the work and life history of James Bowman Lindsay. His electrical researches including the first publicly shown electric light and his system of wireless telegraphy in 1859 were milestones in the history of technology. Contains a forward by Senator Marconi and is embossed "Wireless Telegraphy" on the front cover. 96 pages. 8 photos. Very Good condition. Rare. $95.00

411. **MILLS, JOHN; Radio Communication: Theory and Methods** . 1st edition, 1918. This book is the substance of a course of lectures given by the author in 1917 to the U.S. Signal Corps. Contained in the book are chapters on the vacuum tube, wireless telegraphy and telephony, and practical methods of radio telegraphy. Knight List # 200. 205 pages. 10 photos. 110 illus. Very Good condition. Uncommon. $15.00

412. **MOORE, ARTHUR; How To Make A Wireless Set** . 1st edition, 1911. This is probably the earliest do-it-yourself book on constructing a wireless telegraph transmitter and receiving station in your own home. Complete layout drawings are present for all the apparatus. A very nice copy of a hard to find title. Knight List # 206. 84 pages. Very Good condition. Rare. $45.00

413. **MORGAN, ALFRED P.; Wireless Telegraph Construction For Amateurs** . 1st edition, 1910. This book contains the practical information for those wireless amateurs who wished to build their own apparatus as opposed to buying it. Clear drawings and practical hints make this an excellent book for the home brew enthusiast. Spark xmitters, Xtal sets and detectors are shown in the many photos and illustrations present. Perfect Condition! 188 pages. 147 illus. Fine condition. Rare. $95.00

414. **NOTTAGE, W.H.; The Calculation and Measurement of Inductance and Capacity** . 1st edition, 1916. An excellent book on the subject of L-C measurements. Probably the first book to deal solely with the application of the measuring of tuned circuits in wireless telegraphy. Published by the Wireless Press Ltd., Marconi House, Strand, London. Knight List # 219. 137 pages. 6 photos. 49 illus. Very Good condition. Scarce. $30.00

415. **SECOR, H. WINFIELD; Construction Of Induction Coils and Transformers** . 1st edition, 1910. A treatise on the design and construction of Induction coils, Tesla coils, and high tension transformers for use in wireless telegraphy and X-Ray work. This book #3 of Gernsback's Electric Library. The edge of the cover has 2 small tears, the back cover is stained and their is some dampstaining on many of the pages. 100 pages. 72 illus. Good condition. Rare. Softcover. $55.00

416. **SIGNAL CORPS, U.S. ARMY; The Principles Underlying Radio Communication** . 1st edition, 1919. Radio Pamphlet #40, prepared by the Bureau of Standards for the main purpose of instructing Signal Corps students in the art of wireless telegraphy during WWI. Includes many photos and Illus. of early radio gear. 349 pages. 10 photos. 268 illus. Very Good condition. Common. $25.00

417. **STANLEY, RUPERT; Textbook On Wireless Telegraphy** . 1st edition, 1918. This book relays extensive information on early spark transmitters, commercial crystal receivers, and miscellaneous apparatus used in the measuring and testing of wireless instruments. Contains many illus. of early Marconi wireless gear. Knight List # 282. 344 pages. 201 illus. Very Good condition. Scarce. $65.00

418. **STORY, A.T.; The Story of Wireless Telegraphy** . 2nd edition, 1912. Contains a complete history and practical applications of wireless telegraphy, including anticipations of radio telephony and the future of wireless telegraphy. The cover has a few spots on it. Knight's List # 286. 225 pages. 11 photos. 57 illus. Very Good condition. Rare. $65.00

419. **VERRILL, A. HYATT; Harper's Wireless Book** . 1st edition, 1913. This early work on wireless concentrated on informing young boys of the new art. An excellent chapter on construction is included, as well as instructions on the theory & operation of wireless. Knight's List # 319 184 pages. 129 illus. Very Good condition. Uncommon. $25.00

420. **WALTER, L.H.; Directive Wireless Telegraphy** . 1st edition, 1921. The theory and practice of directive wireless transmission and reception applied to their signalling and determination of direction and position on land, at sea, and in the air. One of the first books printed on the subject, including a 3 page bibliography at the rear. A seldom seen title! Knight List # 322 124 pages. 57 illus. Very Good condition. Rare. $55.00

421. **WHITE, MAJOR J. ANDREW; Military Signal Corps Manual** . 1st edition, 1918. This important handbook was the first prepared for the Service of Information of the Army, and aims to embrace all the essentials of the diversified technical knowledge necessary for a signal officer. It contains an extensive section on wireless telegraphy as well as the telephone and telegraph. Includes many illustrations, Knight List #324 562 pages. 260 illus. Very Good condition. Rare. $115.00

422. **ZENNECK, J; Elektromagnetische Schwingungen und Drahtlose Telegraphie** . 1st edition, 1905. This massive treatise on drahtlose (Wireless) telegraphy is definitely the most thorough treatment on the art up to its day. It covers the various systems in use at the time, including DeForest, Marconi and Braun. At the rear of the book is an extensive reference section containing 377 entries relating to the text. Nice!! Knight List #336 1019 pages. 802 illus. Good + condition. Extremely Rare. $375.00

X-RAYS

423. **BARKER, GEORGE F.; Rontgen Rays** . 1st edition, 1899. This concise volume presents an epic work on the early development of X-Ray. Provided are biographical sketches of the 3 most noted in the field; Rontgen, J.J. Thomson & Stokes. Their most important early papers are included in their entirety, including Roentgen's first 3 disclosures! A must for the historian. Has Franz Sondheimer bookplate. 76 pages. Very Good condition. Very Rare. $225.00

424. **CURIE, MARIE; The Mallinckrodt Classics Of Radiology** . 1st edition, 1966. Presented in a fine black slipcase, this is another Mallinkrodt Classic Of Radiology, featuring Marie Curie. Included in separate paperback form are two of her thesis' as well as an illustrated biographical sketch. These are high quality reproductions of excessively rare material. 300 pages. Fine condition. Scarce. $75.00

425. **DOGIGLI, JOHANNES; The Magic of Rays** . 1st edition, 1961. The story of rays encompassing Max Plancks' experiments, Hertz's proof of Maxwell's theories, Rontgen's X-Ray, Marie Curie's radium and even scanning disk TV & radar in WW II, as well as other major developments. Ex-library, the dust jacket was glued down leaving a stain on the inside covers. 264 pages. 24 photos. Good + condition. Scarce. $25.00

426. **HOEBER, PAUL (PUBLISHER); United States Army X-Ray Manual** . 2nd edition, 1920. Prepared under the direction of the Surgeon General to serve as a guide to roentgenologists during WWI, this manual contains many photos of early X-Ray apparatus and actual X-Rays of patients. The covers are a bit frayed. 506 pages. 219 illus. Good + condition. Scarce. $40.00

427. **KNOX, ROBERT; Radiography and Radio-Therapeutics** . 4th edition, 1923. This is volume I of a 2 vol. set, which is subtitled "Radiography". A classical edition, numerous photos and illustrations depict apparatus and radiographs with a large section devoted to the tube. Published following the war, both early and recent developments are portrayed, including a color plate of an X-Ray tube in operation! Very Nice! 448 pages. 88 photos. 331 illus. Very Good condition. Rare. $75.00

428. **RONTGEN, WILHELM CONRAD; The Mallinckrodt Classics Of Radiology** . 1st edition, 1966. A fine high quality reproduction of Rontgen's original three papers on the X-Ray and later translations, along with his biography and a comprehensive bibliography of his works. This is the next best thing to an original, which is extremely rare in any condition. A total of 7 separate items, all fitting in a nice slipcase. Very nice! 175 pages. Fine condition. Scarce. $75.00

429. **TOUSEY, SINCLAIR; Medical Electricity And Rontgen Rays** . 1st edition, 1910. The most extensive work done on the subject up to that time. This rarely seen volume contains the theory and application of various types of electricity as applied to medicine. Many illustrations of early X-Ray and quack medical apparatus are shown, including 16 full color plates. A very desireable copy of a seldom seen title 1116 pages. 750 illus. Very Good condition. Rare. $245.00

430. **WEATHERWAX, J.L.; Physics of Radiology** . 1st edition, 1934. This text serves to illustrate the essentials necessary to achieve the basic fundamentals of the physics of radiology with their application to patients. A variety of X-Ray tubes are shown as well as diagnosis & equipment. 240 pages. 126 illus. Very Good condition. Scarce. $20.00

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